

REDACTED VERSION

PRELIMINARY ASSESSMENT

of

CABOT LANDFILL

(ARD983269275)

Prepared By

Kurt Soutendijk, PIT Chemist

Ecology and Environment, Inc.  
Region VI

October 22, 1990

PRELIMINARY REPORT  
This does not constitute  
final opinion of EPA

Reviewed by: JAV-ES  
Date: *11/15/90*  
*EH-MA*



ecology and environment, inc.

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#### PREFACE

This Preliminary Assessment Report was prepared by Ecology and Environment, Inc. for the Environmental Protection Agency under Contract Number 68-01-7347.

PRELIMINARY ASSESSMENT

of

CANOT LANDFILL

TABLE OF CONTENTS

<u>Section</u>	<u>Page</u>
1. SITE INFORMATION	1
1.1 SITE LOCATION	1
1.2 SITE BACKGROUND	1
2. BACKGROUND AND OPERATING HISTORY	1
2.1 SITE HISTORY	1
2.2 KNOWN AND POTENTIAL PROBLEMS	1
2.3 REGULATORY INVOLVEMENTS	2
3. PATHWAY CHARACTERISTICS	2
3.1 GROUND WATER	2
3.2 SURFACE WATER	2
3.3 SOIL EXPOSURE	2
3.4 AIR	2
4. TARGETS	2
4.1 GROUND WATER	2
4.2 SURFACE WATER	3
4.3 SOIL EXPOSURE	3
4.4 AIR	3
5. CONCLUSIONS	3
REFERENCES	R-1
ATTACHMENT A Photographs	

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FIGURES

<u>Figure</u>	<u>Title</u>
1	Site Location Map



## 1. SITE INFORMATION

The Ecology and Environment, Inc. (E & E) Region VI Field Investigation Team (FIT) was tasked by the U. S. Environmental Protection Agency (EPA) under Technical Directive Document (TDD) F06-9009-14 to conduct the Preliminary Assessment (PA) of the Cabot Landfill (ARD983269275) in Cabot, Lonoke County, Arkansas.

### 1.1 SITE LOCATION

The Cabot Landfill is located 1/4 mile west of the north end of Willie Ray Road, approximately 1 1/2 miles north of Cabot's community building, in Cabot, Lonoke County, Arkansas (Ref. 1). The legal description of the landfill property is Lot 1, Lot 2 and the southwest quarter of Lot 5 of Section 6, Township 4 North, Range 9 West (Ref. 2). The geographical coordinates are 34°59'45" north latitude and 92°01'00" west longitude (Figure 1).

### 1.2 SITE BACKGROUND

The site was purchased by the City of Cabot for use as a municipal landfill (Ref. 2; Ref. 3). The area of the site is 118.25 acres (Ref. 2). The State permitted 6.4 acres for landfill use in 1975 and approved an additional 8.5 acres in 1981 (Ref. 5; Ref. 6; Ref. 7; Ref. 8). A state inspection (June 24, 1980) found that the landfill had extended beyond its permitted or approved boundaries (Ref. 9, p. 4). The actual size of the landfill is not known.

## 2. BACKGROUND AND OPERATING HISTORY

The site's history, known and potential problems and regulatory involvement are addressed in this section.

### 2.1 SITE HISTORY

The landfill was primarily used for the disposal of domestic, commercial and institutional wastes (Ref. 10, p. 2). Wastes disposed at the site were to be covered daily with six inches of compacted soil. A final cover (two feet of compacted soil and four inches of topsoil) was to be applied and seeded at closure (Ref. 10, pp. 7, 8). The landfill was 75% closed by December 22, 1986. Final closure was scheduled for September 15, 1987 by the Arkansas Department of Pollution Control and Ecology (ADPC&E) (Ref. 11).

### 2.2 KNOWN AND POTENTIAL PROBLEMS

The Cabot Landfill was cited by the State for exceeding permitted boundaries, leachate problems and overall poor conditions (Ref. 12). A state inspection on February 19, 1981 revealed 34 55-gallon drums.

The majority of the drums were labeled paint stripper. Several drums were bulging at the ends. The shipping address for the drums was Falcon Jet of Little Rock.

Reviewed by: GH-DS PRELIMINARY REPORT  
Date: 6/24/87 This does not constitute  
final opinion of EPA  
GH-MA

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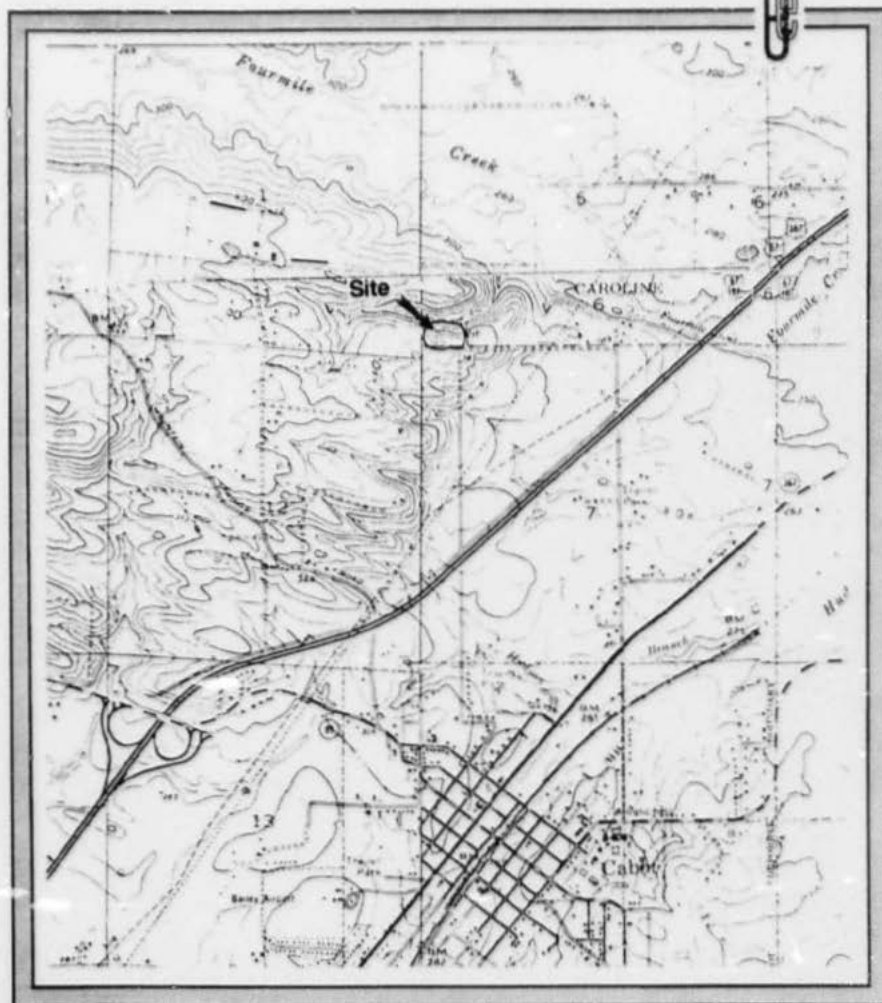


FIGURE 1  
SITE LOCATION MAP  
CABOT LANDFILL  
CABOT, ARKANSAS  
ARD983269275



There was one drum labeled Dreamline Manufacturing, Cabot, Arkansas. The drum was labeled lacquer sealer and had been burned. Two drums of Penwalt E-Z-Strip were resting on their sides and leaking. There was also one drum of adhesive that had been leaking (Ref. 13).

A resident near the landfill stated that there is an abandoned well beneath the landfill. He also claims that there are springs located in the landfill. A state agent suspected that this was the cause of the leachate problem (Ref. 14; Ref. 15).

### 2.3 REGULATORY INVOLVEMENT

The ADPC&E has been involved in permitting the landfill and in inspecting for proper maintenance and operation (Ref. 3; Ref. 9).

## 3. PATHWAY CHARACTERISTICS

The ground water, surface water, soil exposure and air pathway characteristics are addressed in this section.

### 3.1 GROUND WATER

Water for domestic wells is found in the Tertiary deposits. This group is sandy clays with channel fillings of clean sand. The clean sands are an important source of domestic water. In the area of the landfill, there is a surficial strata of clay approximately 80 feet deep (Ref. 17).

### 3.2 SURFACE WATER

Leachate from the landfill could enter Four Mile Creek. The creek runs adjacent to the landfill and travels through an unpopulated area (Ref. 18).

### 3.3 SOIL EXPOSURE

The location of the landfill is remote but there are nearby residents and the landfill is not fenced or guarded (Attachment A) (Ref. 18).

### 3.4 AIR

Closure has been completed on the landfill. It has been completely covered and seeded to prevent erosion (Ref. 10, pp. 8-10; Ref. 11; Ref. 12).

## 4. TARGETS

The ground water, surface water, soil exposure and air targets are addressed in this section.

### 4.1 GROUND WATER

The City of Cabot obtains its drinking water from three wells located outside the four mile target distance (Ref. 18; Ref. 19). A permit

There was one drum labeled Dreamline Manufacturing, Cabot, Arkansas. The drum was labeled lacquer sealer and had been burned. Two drums of Penvalt E-Z-Strip were resting on their sides and leaking. There was also one drum of adhesive that had been leaking (Ref. 13).

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## 4. TARGETS

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### 4.1 GROUND WATER

The City of Cabot obtains its drinking water from three wells located outside the four mile target distance (Ref. 18; Ref. 19). A permit

application summary states that there are five residents within 1/2 mile of the site who are all on city water. However, a Record of Communication from a nearby resident states that he is using well water (Ref. 14; Ref. 15). It is not known how many people within the target distance use well water for drinking purposes.

#### 4.2 SURFACE WATER

Leachate could enter Four Mile Creek. It is an intermittent stream and is most likely not used for drinking or irrigation purposes. It travels through a sparsely populated area. However, Cabot is in the Arkansas dairy land (Ref. 20), and it is possible that the creek travels through farm land. Therefore, cows may drink from the creek (Ref. 18).

#### 4.3 SOIL EXPOSURE

The location of the landfill is remote but there are nearby residents and the landfill is not fenced or guarded (Attachment A) (Ref. 18). The nearest resident is 1,000 feet from the site (Ref. 20, p. 2).

#### 4.4 AIR

Closure has been completed on the landfill. It has been completely covered and seeded to prevent erosion (Ref. 10, pp. 8, 9; Ref. 11; Ref. 12). It is not known if there are any sensitive environments within the four mile target distance.

### 5. CONCLUSIONS

The Cabot Landfill was permitted and approved by the State to operate on 14.9 acres (Ref. 5; Ref. 6; Ref. 7; Ref. 8). A state inspection (June 6, 1980) revealed that the landfill exceeded its permitted boundaries and was operated poorly (Ref. 9, p. 4). Hazardous waste have been disposed at the landfill (Ref. 13).

The City of Cabot receives its water from wells outside the target distance (Ref. 18; Ref. 19). It is not known how many people within the target distance use well water for drinking purposes. The landfill has been closed and seeded (Ref. 10, p. 8-10; Ref. 11; Ref. 12).

#### REFERENCES

- 1 Pre-Application Solid Waste Disposal Permit. Prepared by The City of Cabot, Arkansas. September 19, 1990.
- 2 Rural Real Estate Record Card. County Tax Assessors Office, Lonoke, Arkansas.
- 3 Application for Approval of Sanitary Landfill Site. Prepared by City of Cabot, Arkansas. December 6, 1977.
- 4 Letter. Cabot Landfill. From: Ms. Jodie Marler, Administrative Assistant, Solid Waste Control Division, Arkansas Department of Pollution Control and Ecology. To: Willie Ray, Mayor, City of Cabot. March 20, 1978.
- 5 Letter. Cabot Landfill. From: Ray Hightower, Chief, Solid Waste Control Division, Arkansas Department of Pollution Control and Ecology. To: Willie P. Ray, Mayor, City of Cabot. July 2, 1975.
- 6 Engineering Plan Map for Proposed Sanitary Landfill for Cabot, Arkansas. April 2, 1973.
- 7 Application Solid Waste Disposal Permit. Prepared by City of Cabot Supply Agency. December 5, 1980.
- 8 Permit Application Summary. Prepared by Arkansas Department of Pollution Control and Ecology. March 16, 1981.
- 9 Arkansas Department of Pollution Control and Ecology. Sanitary Landfill Evaluations. June 6, 1980; February 18, 1981; March 12, 1981; November 2, 1981; April 16, 1984; May 30, 1984; November 29, 1984; March 11, 1985; April 11, 1985; April 26, 1985; June 12, 1985; July 12, 1985; September 11, 1985; October 28, 1985.
- 10 Letter. Sanitary Landfill Summary. From: Glen P. Clements, Mayor, City of Cabot. To: Arkansas Department of Pollution Control and Ecology. April 14, 1981.
- 11 Letter. Cabot Landfill. From: Jim Bearden. Arkansas Department of Pollution Control and Ecology. To: N.E. Smith, Mayor, City of Cabot. January 6, 1987.
- 12 Letter. Cabot Landfill. From: S. K. McMullen, Field Inspector, Arkansas Department of Pollution Control and Ecology. To: W. E. Smith, Mayor, City of Cabot. April 12, 1985.



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#### REFERENCES

- 1 Pre-Application Solid Waste Disposal Permit. Prepared by The City of Cabot, Arkansas. September 19, 1990.
- 2 Rural Real Estate Record Card. County Tax Assessors Office, Lonoke, Arkansas.
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- 4 Letter. Cabot Landfill. From: Ms. Jodie Marler, Administrative Assistant, Solid Waste Control Division, Arkansas Department of Pollution Control and Ecology. To: Willie Ray, Mayor, City of Cabot. March 20, 1978.
- 5 Letter. Cabot Landfill. From: Ray Hightower, Chief, Solid Waste Control Division, Arkansas Department of Pollution Control and Ecology. To: Willie P. Ray, Mayor, City of Cabot. July 2, 1975.
- 6 Engineering Plan Map for Proposed Sanitary Landfill for Cabot, Arkansas. April 2, 1973.
- 7 Application Solid Waste Disposal Permit. Prepared by City of Cabot Supply Agency. December 5, 1980.
- 8 Permit Application Summary. Prepared by Arkansas Department of Pollution Control and Ecology. March 16, 1981.
- 9 Arkansas Department of Pollution Control and Ecology. Sanitary Landfill Evaluations. June 6, 1980; February 18, 1981; March 12, 1981; November 2, 1981; April 16, 1984; May 30, 1984; November 29, 1984; March 11, 1985; April 11, 1985; April 26, 1985; June 12, 1985; July 12, 1985; September 11, 1985; October 28, 1985.
- 10 Letter. Sanitary Landfill Summary. From: Glen P. Clements, Mayor, City of Cabot. To: Arkansas Department of Pollution Control and Ecology. April 14, 1981.
- 11 Letter. Cabot Landfill. From: Jim Bearden, Arkansas Department of Pollution Control and Ecology. To: H.E. Smith, Mayor, City of Cabot. January 6, 1987.
- 12 Letter. Cabot Landfill. From: S. K. McMullen, Field Inspector, Arkansas Department of Pollution Control and Ecology. To: W. E. Smith, Mayor, City of Cabot. April 12, 1985.



- 13 Memorandum. Drums of Hazardous Material at Cabot Sanitary Landfill.  
From: Mike Bates, Hazardous Waste Inspector, Arkansas Department of  
Pollution Control and Ecology. To: Doyce Hughes, Inspector  
Supervisor Hazardous Waste, Arkansas Department of Pollution Control  
and Ecology.
- 14 Record of Communication. Well Located on Cabot Sanitary Landfill.  
From: Richard McDuffee, Arkansas Department of Pollution Control  
and Ecology. To: Cabot Files. August 6, 1979. ARD983269275.
- 15 Record of Communication. Well Located on Cabot Sanitary Landfill.  
From: Richard McDuffee, Arkansas Department of Pollution Control  
and Ecology. To: Cabot Files. August 13, 1979. APD983269275.
- 16 Counts, Halan B. Ground Water Resources of Parts of Lonoke,  
Prairie, and White Counties, Arkansas. Arkansas Geological and  
Conservation Commission. Arkansas, 1957.
- 17 Well Logs. Arkansas Geological Commission.
- 18 U.S.G.S. 7.5 Minute Series Topographical Map. Mountain Springs,  
Arkansas 1963. Beebee, Arkansas 1963. Cabot, Arkansas 1954. Oak  
Grove, Arkansas 1982.
- 19 Record of Communication. Water Supply for the City of Cabot. From:  
Kurt Soutendijk, FIT Chemist, Ecology and Environment, Inc. To:  
Rodney Cabot, Cabot Water Department. October 16, 1990  
ARD9832679275.
- 20 Letter. Cabot Landfill. From: Willie Ray, Mayor, City of Cabot.  
To: Arkansas Department of Pollution Control and Ecology. July 14,  
1977.

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ATTACHMENT A  
Photographs



Photo No.  
1



Site Name: \_\_\_\_\_

Location: \_\_\_\_\_

Photographer/Witness K. J. S. S. S. S.

Date 10-2-90 Time 10:30 Direction West

Description Gate to dump

CERCLIS #: \_\_\_\_\_

FAE 100-100000-1

Photo No.  
2



Photographer/Witness K. J. S. S. S.

Date 10-2-90 Time 10:30 Direction West

Description Gate to dump

Page \_\_\_\_\_

Of \_\_\_\_\_

100-100000-1



Photo No.  
2

Site Name:

Grass Field

Location:

Grass, AK

CERCLIS #:

AK000000000



Photographer/Witness John S. Smith  
Date 10-2-70 Time 10:00 Direction Northwest  
Description Grass Field

Photo No.  
3



Photographer/Witness John S. Smith  
Date 10-2-70 Time 10:00 Direction Northwest  
Description Grass Field

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Of \_\_\_\_\_

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Photo No.



Site Name:

CITY DUMP

Location:

CHERRY AVE

CERCLIS #:

AL00000000

Photographer/Witness Kurt S. Samsky

Date 10-2-92 Time 10:30 Direction Southwest

Description Empty Resident

Photo No.



Photographer/Witness Kurt S. Samsky

Date 10-2-92 Time 10:30 Direction Southwest

Description Debris

Page \_\_\_\_\_

Of \_\_\_\_\_

10  
19  
5

REFERENCE: 1

11/15/77

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 National Drive  
Little Rock, Arkansas 72209  
Solid Waste Control Division 371-2130

PRE-APPLICATION  
SOLID WASTE DISPOSAL PERMIT  
(Sanitary Landfill)

This is notification of intent to apply for a solid waste disposal permit. A registered professional engineer is required to submit operational plans before a permit can be considered.

- 843-3566  
982-8324
1. Applicant's name CITY OF CABOT, ARKANSAS Phone No. 843-3566  
Address P. O. Drawer AD Cabot, Arkansas 72023
  2. Property owner's name SAME Phone No. 982-8324  
Address
  3. Land is to be leased , rented , owned X (check one).
  4. Purpose of landfill (area and/or towns served, etc.) to serve  
Cabot, Ward, Austin, and surrounding areas
  5. Zoning regulations restricting use of the site None
  6. Total population served (if residential waste landfill) 13,000
  7. Name of proposed sanitary landfill Cabot Sanitary Landfill  
1/4 mile west of the north end of Willie Ray Drive
  8. General location approximately 1 1/4 miles north of Cabot's Community Building
  9. Legal description and acreage Part of the SW 1/4 of Section 6, Township 4 North,  
Range 9 West, Lonoke County, Arkansas acres 8.5<sup>+</sup>
  10. Enclose topographic map indicating the exact boundaries of the proposed site. A USGS Quadrangle map can be obtained for \$1.25 from:

Arkansas Geological Commission  
3815 West Roosevelt Road  
Little Rock, Arkansas 72204  
Phone No. 371-1083

REMARKS: This is a proposed expansion of an existing landfill

Glen P. Clements  
NAME OF APPLICANT City of Cabot, Arkansas TITLE Mayor  
SIGNATURE Glen P. Clements DATE September 19, 1980

PARCEL NO. 001-09097-000-E

## RURAL REAL ESTATE RECORD CARD

**REFERENCE: 2**

[illegible]

ARKANSAS  
ASSESSMENT COORDINATION DIVISION

ACD-Form 101-RJ-10-79-210 This form can be purchased from Demarest Printing & Lithographing Company, Little Rock



**REFERENCE: 3**

Revised 6/13/75

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

APPLICATION FOR APPROVAL OF  
SANITARY LANDFILL SITE

The undersigned proposes to construct and operate a sanitary landfill for disposal of solid wastes. A permit will be issued following approved engineering design and methods of operation.

1. Name of proposed sanitary landfill Cabot Landfill  
General location Adjacent to Present landfill just North of Cabot
2. Applicant's name City of Cabot  
Phone No. 843-3566  
Address P. O. Box 597, Cabot, Arkansas 72023
3. Property owner's name To be acquired by City  
Phone No. 843-3566  
Land is to be leased ☐, rented ☐, owned ☒ (check one)
4. Responsible authority for operation Willie Ray, Mayor
5. Area and/or towns served Cabot, Ward, Austin and surrounding area
6. Total population served (if residential waste landfill) Estimate 12,000
7. Legal description of site Lots 1, 2, & 5 in the SW 1/4 of Section 6; T4N; R9W; Lonoke County, Arkansas containing 120 Acres (Less 2 Acres in Lot 5 with house & barn)
8. Total area of site to be used as a sanitary landfill Approximately 100 acres
9. Character of site (hillside, gully, flat land, etc.) Rolling
10. Present land use surrounding site Pasture and Woodland
11. Distance from nearest public road abuts present landfill road and nature of access  
road present or planned All-weather gravel road and plan to pave
12. Distance to nearest residence adjacent to three residences
13. Distance to nearest water supply well At least one-half mile



14. Distance to nearest lake or stream intersects

Name Four Mile Creek and One Tributary

15. Topographic map indicating the exact boundaries of the proposed site and location of nearest water wells to the site (attach copy). A USGS Quad-range map is desirable and can be obtained for 75¢ from:

Arkansas Geological Commission  
3815 West Roosevelt Road  
Little Rock, Arkansas 72204

16. Soil profile description, including depth of soil, wetness, permeability, and texture. Include a statement about any evident limitations or hazards such as flooding, character of bedrock if known, permeable substrate or other factor. This information should be obtained from the Soil Conservation Service or other reliable source. (Attach copy of report.)

17. Depth of minimum water table Unknown feet. Determined by \_\_\_\_\_ (Responsible authority).

18. Type of operation: Trench fill x Area fill \_\_\_\_\_ or combination \_\_\_\_\_.

19. Types, quantities, and sources of materials to be disposed of:

TYPE	QUANTITY (Est.%)	SOURCE
Residential	75%	Households
Commercial	10%	Downtown Retail Businesses
Industrial	15%	A trailer factory, Furniture factory, and garment factory
Other		

20. Description of any industrial and/or hazardous wastes to be disposed of at site None

21. Zoning regulations restricting use of the site None

22. Procedures for prevention of unauthorized use of the site \_\_\_\_\_

Will be fenced and have locked gate

23. The proposed use of the site upon termination of the disposal operation \_\_\_\_\_

City Park

24. Type collection service provided or planned City pickup service and  
individuals

25. What city/county ordinances control solid waste collection/disposal in  
your area? Cabot has a City Ordinance on collection and disposal of  
Solid Waste.

26. REMARKS We need to get your approval of this site. If the site meets  
your approval, it will be secured by purchase or condemnation from present  
owner.

NAME OF APPLICANT City of Cabot

SIGNATURE [Signature]

TITLE Mayor

DATE December 6, 1977

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Drawer E, Lonoke, AR 72086

SUBJECT: SANITARY LANDFILL SITE

DATE: 12-2-77

TO: Mayor  
City of Cabot  
Cabot, AR 72023

A soils investigation was made on a site in the SW $\frac{1}{4}$  of Section 6, T4N, R9W, Lonoke County.

Soil boring indicated that the soils present on this site are (note attachment) Leadvale, Taft, and Enders.

Leadvale soils have moderate limitations for sanitary landfills because of depth to rock and wetness.

Taft soils have severe limitations for sanitary landfills because of wetness. Also a few areas may be subject to occasional flooding.

Enders soils have severe limitations for sanitary landfills because of depth to rock and clayey subsoil. Depth to rock ranges from 30 to more than 60 inches.

If we can be of assistance in the future, please call us.

*Richard T. Fielder*  
Richard T. Fielder  
Soil Scientist  
Soil Conservation Service



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REFERENCE: 4

March 25, 1973

501 371-2130 SWCD

The Honorable  
Willie Ray, Mayor  
City Hall  
Cabot, Arkansas 72023

Dear Mayor Ray:

Preliminary inspections have been made of the proposed site for the extension of the Cabot Sanitary Landfill. Our staff considers the site to be acceptable for you to proceed with the next step to be taken in applying for a solid waste disposal permit.

The formal application is enclosed. You should now retain a registered professional engineer, and it is required that he complete and submit this form with the engineering plans for the proposed site. Your engineer should contact Mr. Floyd Durham, Solid Waste Control Division Engineer, at this office before completion of the plans or form.

There are several items that should be addressed in your engineering plans. The first is accessibility to the location. It will be necessary to construct a site road for more than one-fourth of a mile through the site property. Access to the site is suitable, at the present time.

Since soils information was obtained for approximately only 35 acres of the 100 acre site, I should remind you that only that 35 acre portion can be considered for a permit and only that portion should be engineered. Additional soils information and engineering will be necessary if you desire consideration of a larger area.

Another consideration that your engineer should remember is the importance of engineering the site for the particular equipment that will be available.

The Department recommends that you hold a public hearing pertaining to the proposed site.

If I can be of assistance, please contact this office.

Sincerely,

J.M.

Ms. Jodie Marler  
Administrative Assistant  
Solid Waste Control Division

JM:dp

Enclosure

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STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 NATIONAL DRIVE  
LITTLE ROCK, ARKANSAS 72209  
**REFERENCE: 5**

501 371-1701 GEN. OFF.  
501 371-1136 AIR DIV.

July 28, 1975

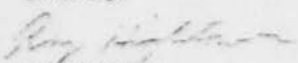
The Honorable  
Willie P. Ray, Mayor  
City Hall  
Cabot, Arkansas 72023

Dear Mayor Ray:

At its last regular meeting on July 25, 1975, the Commission on Pollution Control and Ecology voted to grant a permit for the operation of a sanitary landfill to the City of Cabot.

The permit will be forwarded to you as soon as the necessary signatures have been obtained.

Sincerely,

  
Ray Hightower  
Chief  
Solid Waste Control Division

fc

File  
1-1-75  
7-2-75  
Solid Waste  
Dept. Hightower

0

9

4

- 2 -

Remarks:

I consider the site acceptable for sanitary landfill operations with the following suggestions and exceptions:

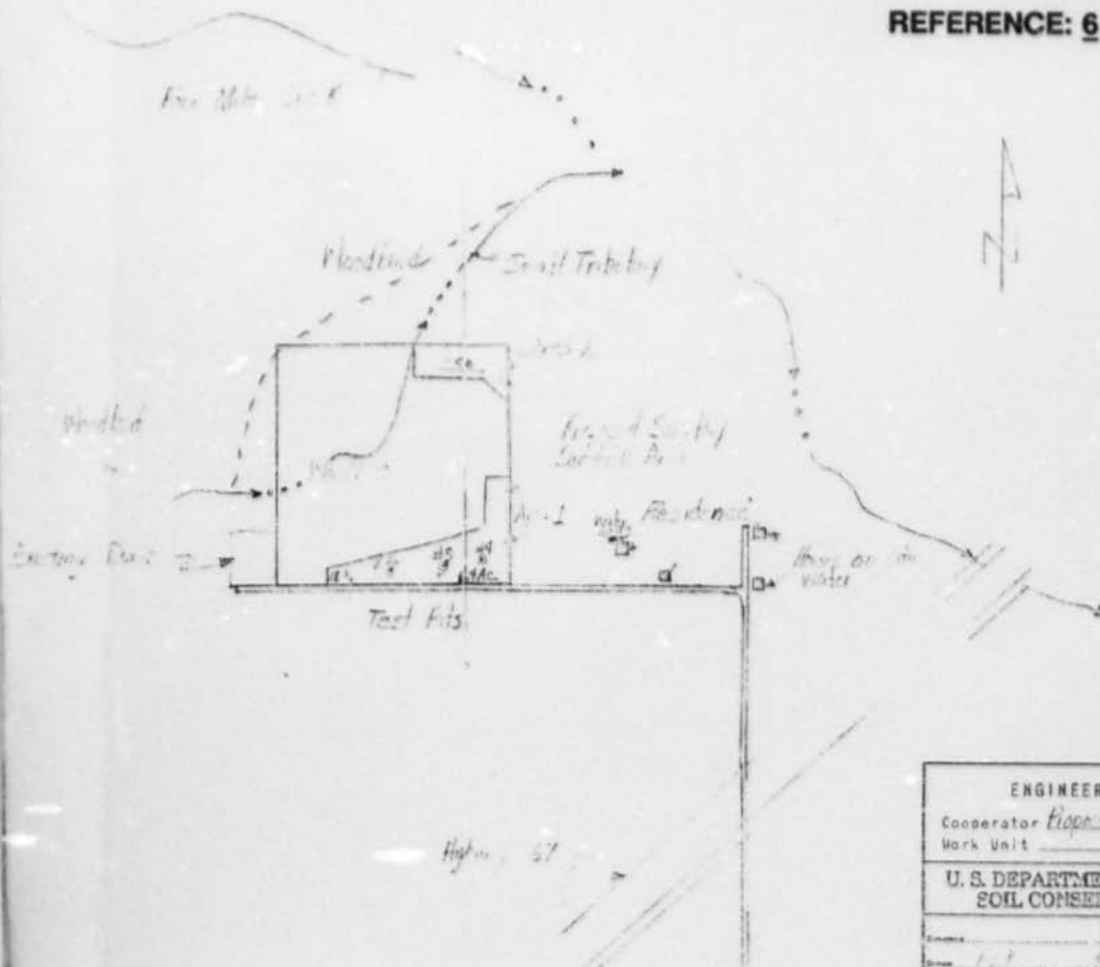
1. The fill operation should begin at the western most edge of the site trenching eastward down the slope. Drainage ditches should be employed to carry water roughly south to north.
2. The lower eastern end of the site should not be used as a trench fill due to a very high ground water table unless an area fill method is used with cover material hauled in.
3. Area 2 should not be used due to high water table and nearness to Four Mile Creek.

WB:cb



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ENGINEERING PLAN MAP	
Cooperator <i>Proposed Sanitary Landfill for "Hilltop"</i>	
Work Unit _____	
U. S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	
Date _____	App. No. _____
Scale _____	File _____
Drawn by <i>W. H. H.</i>	Top _____

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REFERENCE: 7

11/15/77

8

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 National Drive  
Little Rock, Arkansas 72209  
Solid Waste Control Division 371-2130

APPLICATION  
SOLID WASTE DISPOSAL PERMIT  
(Sanitary Landfill)

The undersigned is a registered professional engineer with the state of Arkansas. A permit will be issued following submission and approval of engineering plans and specifications in accordance with the Arkansas Solid Waste Disposal Code. 843-3566

1. Applicant's name City of Cabot Phone No. 982-8324

Address P.O. Drawer Ad Cabot, Ar. 72023

2. Engineer's name Bill R. Staggs Phone No. 664-1552 KRIST

Address same

3. Legal description and acreage Part of the SW<sup>1</sup>/<sub>4</sub> of Section 6 T-4-N, R-9-W

Lonoke County acres 8.5-

4. Total area of site to be used as a sanitary landfill                      acres.

5. Land is to be leased           , rented           , owned x. (If land is to be rented or leased, a copy of rental or lease agreement will be provided in narrative portion of plans.)

6. Present land use surrounding site None

7. Distance from nearest public road 1/4 mile and nature of access road  
present or planned existing gravel road extending to paved

8. Distance to nearest residence 3/4 mile

9. Distance to nearest water well 3/4 mile

10. Distance to nearest lake or stream                      Name                     

11. Soil profile description, including depth of soil, wetness, permeability, and soil texture. Include a statement about any evident limitations or hazards such as flooding, character of bedrock, if known, permeable substrate or other factor. This information should be obtained from the Soil Conservation Service or other reliable source (attach copy of report).

12. Depth of minimum water table None encountered feet. Determined by Bill Staggs  
during digging of test holes. (responsible authority).

2

11/15/77

13. Type of operation: Trench fill \_\_\_\_\_ Area fill \_\_\_\_\_ or Combination X

14. Types, quantities, and sources of materials to be disposed of:

Type	Quantity	Source
Residential/ Commercial	2/cu-yd/day	Typical Refuse
Industrial	8 cu-yd/day	Scrap material, containers, etc.
Other		

NOTE: No hazardous wastes, sewage solids or liquids, septic tank pumpings, or other liquids are allowed to be disposed of at a sanitary landfill without written approval from the Department. Any landfill intended for these wastes may require a special permit.

15. Procedures for prevention of unauthorized use of the site \_\_\_\_\_  
Main gate is locked daily.

16. The proposed use of the site upon termination of the disposal operation \_\_\_\_\_  
None at present

17. Type collection service provided or planned \_\_\_\_\_  
City owned and operated weekly collection

18. What city/county ordinance control solid waste collection/disposal in the area served by the proposed landfill? \_\_\_\_\_

REMARKS: \_\_\_\_\_

NAME OF ENGINEER, Bill R. Starks

TITLE \_\_\_\_\_

SIGNATURE

*Bill R. Starks*

DATE \_\_\_\_\_

SEAL

DEPTH BELOW SURFACE (FT.)

SOIL LOGS

PIT #1

0.0 ————— Topsoil  
0.5 ————— Tan Clay  
w/ Boulders 6" &  
3.0 ————— Stiff Gray Clay w/ Red  
Clay Seams, Fractured Sandstone.  
4.5 ————— Very Stiff Red Clay  
w/ Gray Clay Seams  
6.25 ————— Very Stiff Reddish-Brown Clay  
Some Gray Seams  
9.0 ————— Low Permeability, No Rocks

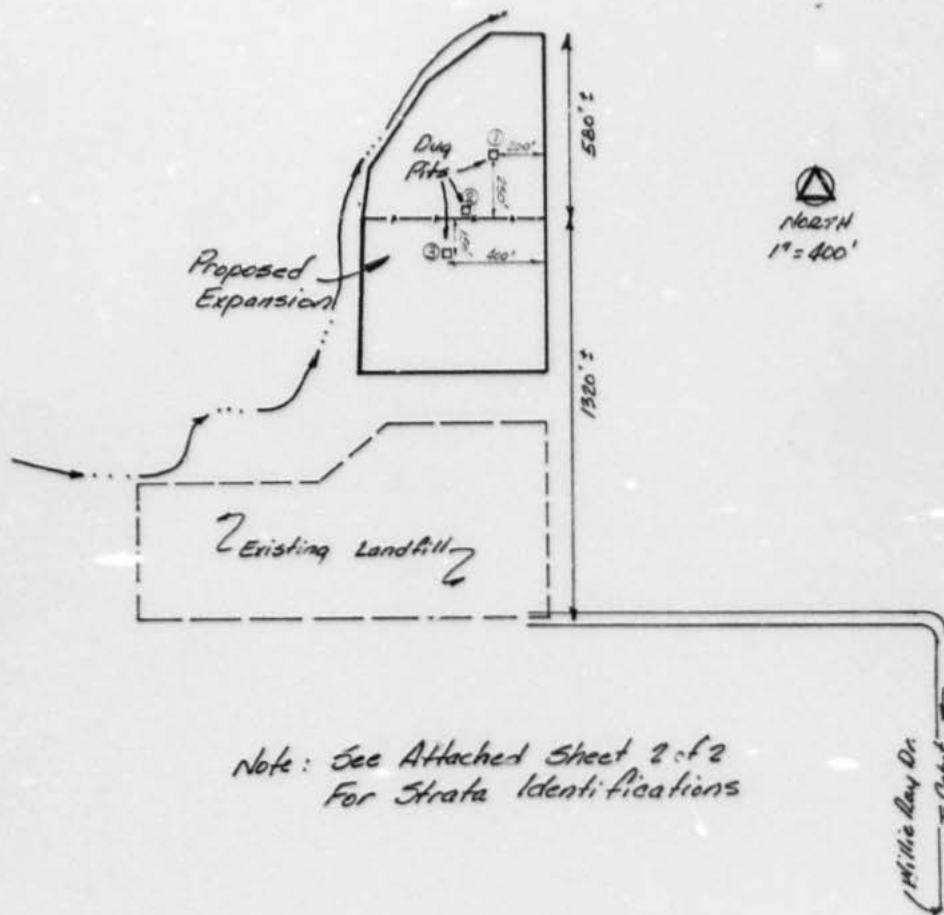
PIT #2

0.0 ————— Topsoil  
0.5 ————— Tan Clay, No Stone  
1.5 ————— Stiff Red Clay  
w/ Sandstone Fragments  
3.0 ————— Stiff Gray Clay  
w/ Red Clay Seams  
5.0 ————— Stiff Red Clay  
w/ Cementous Shale, Low Permeability  
7.0 ————— Stiff Dark Gray Clay  
w/ Cementous Shale, Low Permeability  
9.0 —————

PIT #3

0.0 ————— Topsoil  
0.5 ————— Tan Clay, No Stones  
3.0 ————— Lt. Gray Clay w/ Red Clay Seams  
4.5 ————— Layered Sandstone.  
Very Stiff Red Clay  
6.0 ————— w/ Sandstone Boulders  
Red to Dark Gray Stiff Clays  
Cementous Shale Seams  
9.5 ————— Low Permeability

CABOT SANITARY LANDFILL  
SOILS LOG



Note: See Attached Sheet 2 of 2  
For Strata Identifications

CABOT SANITARY  
LANDFILL  
SOILS LOG - PLAN

REFERENCE: 8

FORM # 7/7/78

PERMIT APPLICATION SUMMARY

1. Name of Applicant City of Cabot Address P.O. Drawer AD  
Cabot, Arkansas 72023
2. Name of Facility Cabot Sanitary Landfill #2
3. Engineer/Firm Bill Staggs/Krist Engineers Address P.O. Drawer AD  
Cabot, Arkansas 72023
4. Application Date pre-application 9/19/80, Application 12/5/80
5. Site Location 1 1/2 miles north of Cabot's Community Building, Part of the SW 1/4 of  
Section 6, T4N, R9W, Lonoke County.
6. Operation Trench type for municipal waste. This site is an extension of the  
present operation.
7. Residences Within 1/2 Mile 5 residences within 1/2 mile. All on city water.
8. Water Supplies Within Vicinity Water wells present at above houses.
9. Soils/Groundwater Soils are generally clay and weathered shale with some sandstone  
fragments. Trench liners will be required due to the added permeability  
associated with the shales and boulders. Groundwater at about 9'.
10. Drainage Sequence Into a tributary of Four Mile Creek and eventually (35 miles)  
into the White River.
11. Hearing Date N/A Dept. Represented \_\_\_\_\_ Remarks Public hearing not  
required because same site as permitted before.
12. Recommended Additional Permit Provisions NOTE ADDITIONAL CONDITIONS ON ATTACHED  
SHEET.
13. Summary Comments This is an extension of the existing permitted facility that  
has reached its design capacity.

Approval Recommended by \_\_\_\_\_ Engineer Name Withheld \_\_\_\_\_

Date 3/16/81

PERMIT APPLICATION SUMMARY

12. ADDITIONAL CONDITIONS

- (1) This permit shall expire when the approximate 8½ acre disposal area described in the final engineering plans has been filled to design capacity.
- (2) Proper preparation of the site shall be supervised and reported in writing to the Department by a Registered Professional Engineer prior to placement of any waste in the landfill.
- (3) A one foot liner constructed of recompactd existing materials will be established in every trench.
- (4) As an adjunct to the additional conditions listed above, the permittee is reminded that the provisions of Condition #1 of this permit shall also be satisfied in the construction, operation, and maintenance of the landfill.

IF THE PAGE FILMED IS NOT  
AS LEGIBLE AS THIS LABEL,  
IT IS DUE TO THE QUALITY  
OF THE ORIGINAL.





REFERENCE: 9

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
SANITARY LANDFILL EVALUATION

Name of site 01. <u>CABOT SLF</u>	Location (town, city) 02. <u>CABOT</u>	County 03. <u>LENZKE</u>	Site No. 04. <u>5-27</u>
Operator 05. <u>CABOT</u>	Address 06. <u>CITY HALL</u>	Entities Served 07. <u>CABOT &amp; SURROUNDING AREA</u>	
Owner 08. <u>CABOT</u>	Address 09. <u>CITY HALL</u>		

- 10.
- ☐ 01 Inadequate information sign.
  - ☐ 02 Access not limited to operating hours.
  - ☐ 03 Inadequate employee facilities.
  - ☐ 04 Operator not certified.
  - ☐ 05 Inadequate records.
  - ☐ 06 Unsatisfactory access roads.
  - ☐ 07 Evidence of open burning.
  - ☐ 08 Dust or mud not properly controlled.
  - ☐ 09 Waste not confined to manageable area.
  - ☐ 10 Unsatisfactory litter control.
  - ☐ 11 Improper spreading of waste.
  - ☐ 12 Improper compacting of waste.
  - ☐ 13 Unsatisfactory daily cover.
  - ☐ 14 Unsatisfactory intermediate cover.
  - ☒ 15 Unsatisfactory final cover. Old area needs more cover to close out old operations
  - ☐ 16 Improper drainage.
  - ☒ 17 Dumping waste into water.
  - ☒ 18 Leachate observed at the site. South on Elk St BORDER
  - ☒ 19 Leachate entering a water course. Positive from leachate drainage
  - ☐ 20 Improper handling of special waste.
  - ☐ 21 Unapproved salvaging of waste.
  - ☐ 22 Improper fire protection, emergency communications.
  - ☐ 23 Evidence of insects and vectors.
  - ☐ 24 No provisions for backup equipment.
  - ☐ 25 Operation does not correspond with engineering plans.

GENERAL COMMENTS BARRELS OF CHEMICALS <sup>FILE</sup> FALCON JET CORP LIQUID HAS  
BEEN UNLOADED ON LANDFILL. MARKED EL DORADO CHEM CO. PAINT  
PART THINNER & GLUE. MARKED HAZARDOUS. SOME MARKED 3M

Type of waste disposed:				
12. 01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial	04 <input checked="" type="checkbox"/> Demolition	05 <input type="checkbox"/> Agricultural
Person Interviewed 13. <u>Ed A. Breyer</u>		Month 14.01 <u>02</u>	Day 14.02 <u>18</u>	Year Time 14.03 <u>81</u> 14.04 <u>WET</u>
Title 16. <u>OPERATOR</u>		Reinspect prior to (date) 17.		
Inspected by (Signature) 18. <u>W.R. Corder - St. John - Franklin</u>		Title 19. <u>Pollution Control Inspector</u>		



ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
SANITARY LANDFILL EVALUATION

Name of site 01. <i>Cabot SLF</i>	Location (town, city) 02. <i>Cabot</i>	County 03. <i>Leake</i>	Site No. 04. <i>577dSCLB</i>
Operator 05. <i>Cabot</i>	Address 06. <i>Cabot, Ark 72510</i>	Entities Served 07. <i>Cabot + surrounding areas</i>	
Owner 08. <i>Cabot</i>	Address 09. <i>Cabot, Ark 72510</i>		

- 10.
- ☐ .01 Inadequate information sign.
  - ☐ .02 Access not limited to operating hours.
  - ☐ .03 Inadequate employee facilities.
  - ☐ .04 Operator not certified.
  - ☐ .05 Inadequate records.
  - ☐ .06 Unsatisfactory access roads.
  - ☐ .07 Evidence of open burning.
  - ☐ .08 Dust or mud not properly controlled.
  - ☐ .09 Waste not confined to manageable area.
  - ☐ .10 Unsatisfactory litter control.
  - ☐ .11 Improper spreading of waste.
  - ☐ .12 Improper compacting of waste.
  - ☐ .13 Unsatisfactory daily cover.
  - ☐ .14 Unsatisfactory intermediate cover.
  - ☐ .15 Unsatisfactory final cover.
  - ☐ .16 Improper drainage.
  - ☐ .17 Dumping waste into water.
  - ☐ .18 Leachate observed at the site.
  - ☐ .19 Leachate entering a water course.
  - ☐ .20 Improper handling of special waste.
  - ☐ .21 Unapproved recycling of waste.
  - ☐ .22 Improper fire protection, emergency communications.
  - ☐ .23 Evidence of insects and vectors.
  - ☐ .24 No provisions for backup equipment.
  - ☐ .25 Operation does not correspond with engineering plans.

GENERAL COMMENTS *Small operation looks good*

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Type of waste disposed:					
12. .01 ( ) Residential .02 ( ) Commercial .03 ( ) Industrial .04 ( ) Demolition .05 ( ) Agricultural					
Person interviewed 13. <i>Ed Phillips</i>	Month 14.01 <i>05</i>	Day 14.02 <i>12</i>	Year 14.03 <i>81</i>	Time 14.04 <i>9:30</i>	Weather conditions 15. <i>Dry</i>
Title 16. <i>Operator</i>	Reinspect prior to (date) 17.				
Inspected by (Signature) 18. <i>W. J. Starnes</i>	Title 19. <i>Pollution Control Inspector</i>				

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
SANITARY LANDFILL EVALUATION

Name of site 01. <i>Cabot SLF</i>	Location (town, city) 02. <i>Cabot</i>	County 03. <i>Laclede</i>	Site No. 04. <i>S-0178</i>
Operator 05. <i>Cabot</i>	Address 06. <i>City Hall, Cabot, AR</i>	Entities Served 07. <i>Cabot &amp; surrounding areas</i>	
Owner 08. <i>Cabot</i>	Address 09. <i>City Hall, Cabot, AR</i>		

10	01 Inadequate information sign.	
	02 Access not limited to operating hours.	
	03 Inadequate employee facilities.	
	04 Operator not certified.	
	05 Inadequate records.	
	06 Unsatisfactory access roads.	
	07 Evidence of open burning.	
	08 Dust or mud not properly controlled.	
	09 Waste not confined to manageable area.	
	10 Unsatisfactory litter control.	
	11 Improper spreading of waste.	
	12 Improper compacting of waste.	
	13 Unsatisfactory daily cover.	
	14 Unsatisfactory intermediate cover.	
	15 Unsatisfactory final cover.	
	16 Improper drainage.	
	17 Dumping waste into water.	
	18 Leachate observed at the site.	
	19 Leachate entering a water course.	
	20 Improper handling of special waste.	
	21 Unapproved salvaging of waste.	
	22 Improper fire protection, emergency communications.	
	23 Evidence of insects and vectors.	
	24 No provisions for backup equipment.	
	25 Operation does not correspond with engineering plans.	

GENERAL COMMENTS *Overall operation looks good - Landfill listed as inactive permit list but is still active and has also expanded landfill site*

Type of waste disposed:					
12.	01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial	04 <input checked="" type="checkbox"/> Demolition	05 <input type="checkbox"/> Agricultural
Person interviewed 13. <i>Ed Phillips</i>		Month <i>14.01</i>	Day <i>14.02</i>	Year <i>14.03</i>	Time <i>10.00</i>
Title 16. <i>Operator</i>		Weather conditions 15. <i>Cloudy &amp; wet</i>			
Inspected by (Signature) 18. <i>Jessie Steci</i>		Reinspect prior to (date) 17.			
Title 19. <i>Pollution Control Inspector</i>					

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
SANITARY LANDFILL EVALUATION

Name of site 01. <i>Waste SLP</i>	Location (town, city) 02. <i>Cabot</i>	County 03. <i>Larue</i>	Site No. 04. <i>5-77</i>
Operator 05. <i>Ten Spices</i>	Address 06. <i>Cabot</i>	Entities Served 07. <i>Waste</i>	
Owner 08. <i>Cabot</i>	Address 09. <i>City Hall</i>		

10.

<input type="checkbox"/>	01 Inadequate information sign.
<input type="checkbox"/>	02 Access not limited to operating hours.
<input type="checkbox"/>	03 Inadequate employee facilities.
<input type="checkbox"/>	04 Operator not certified.
<input type="checkbox"/>	05 Inadequate records.
<input type="checkbox"/>	06 Unsatisfactory access roads.
<input type="checkbox"/>	07 Evidence of open burning.
<input type="checkbox"/>	08 Dust or mud not properly controlled.
<input type="checkbox"/>	09 Waste not confined to manageable area.
<input type="checkbox"/>	10 Unsatisfactory litter control.
<input type="checkbox"/>	11 Improper spreading of waste.
<input type="checkbox"/>	12 Improper compacting of waste.
<input type="checkbox"/>	13 Unsatisfactory daily cover.
<input type="checkbox"/>	14 Unsatisfactory intermediate cover.
<input type="checkbox"/>	15 Unsatisfactory final cover.
<input type="checkbox"/>	16 Improper drainage.
<input type="checkbox"/>	17 Dumping waste into water.
<input checked="" type="checkbox"/>	18 Leachate observed at the site. <i>in road ditch southern border of site</i>
<input checked="" type="checkbox"/>	19 Leachate entering a water course. <i>possibly + White Creek</i>
<input type="checkbox"/>	20 Improper handling of special waste.
<input type="checkbox"/>	21 Unapproved salvaging of waste.
<input type="checkbox"/>	22 Improper fire protection, emergency communications.
<input type="checkbox"/>	23 Evidence of insects and vectors.
<input type="checkbox"/>	24 No provisions for backup equipment.
<input checked="" type="checkbox"/>	25 Operation does not correspond with engineering plans. <i>Leach under comments</i>

GENERAL COMMENTS *Looking at the plans, it seems that the operation has progressed past the boundary of the Area under permit. Operation is satisfactory otherwise. The leachate problem on south side of landfill must be corrected.*

Type of waste disposed:							
12. 01 <input checked="" type="checkbox"/> Residential 02 <input checked="" type="checkbox"/> Commercial 03 <input checked="" type="checkbox"/> Industrial 04 <input checked="" type="checkbox"/> Demolition 05 <input type="checkbox"/> Agricultural							
Person interviewed 13. <i>Ed Spivey</i>			Month 14.01	Day 14.02	Year 14.03	Time 14.04	Weather conditions 15. <i>clear</i>
Title 16. <i>Waste Control Inspector</i>			Reinspect prior to (date) 17.				
Inspected by (Signature) 18. <i>Michael McDuff</i>			Title 19. <i>Waste Control Inspector</i>				

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY Permit = S-178  
SANITARY LANDFILL EVALUATION

Name of site 01. <i>Calot S&amp;E</i>	Location (town, city) 02. <i>Calot</i>	County 03. <i>Lumpkin</i>	Site No. 04. <i>5878</i>
Operator 05. <i>City of Calot</i>	Address 06. <i>City Hall</i>	Entities Served 07. <i>Calot &amp; Clinton Area</i>	
Owner 08. <i>"</i>	Address 09. <i>RD. Drawer A D</i> <i>Calot Ark 72023</i>		

10	<input type="checkbox"/>	01 Inadequate information sign.
	<input checked="" type="checkbox"/>	02 Access not limited to operating hours.
	<input type="checkbox"/>	03 Inadequate employee facilities.
	<input type="checkbox"/>	04 Operator not certified.
	<input type="checkbox"/>	05 Inadequate records.
	<input checked="" type="checkbox"/>	06 Unsatisfactory access roads.
	<input checked="" type="checkbox"/>	07 Evidence of open burning.
	<input checked="" type="checkbox"/>	08 Dust or mud not properly controlled.
	<input checked="" type="checkbox"/>	09 Waste not confined to manageable area.
	<input type="checkbox"/>	10 Unsatisfactory litter control.
	<input checked="" type="checkbox"/>	11 Improper spreading of waste.
	<input checked="" type="checkbox"/>	12 Improper compacting of waste.
	<input checked="" type="checkbox"/>	13 Unsatisfactory daily cover.
	<input checked="" type="checkbox"/>	14 Unsatisfactory intermediate cover.
	<input checked="" type="checkbox"/>	15 Unsatisfactory final cover.
	<input checked="" type="checkbox"/>	16 Improper drainage.
	<input type="checkbox"/>	17 Dumping waste into water.
	<input checked="" type="checkbox"/>	18 Leachate observed at the site.
	<input checked="" type="checkbox"/>	19 Leachate entering a water course.
	<input checked="" type="checkbox"/>	20 Improper handling of special waste.
	<input checked="" type="checkbox"/>	21 Unapproved salvaging of waste.
	<input type="checkbox"/>	22 Improper fire protection, emergency communications.
	<input type="checkbox"/>	23 Evidence of insects and vectors.
	<input type="checkbox"/>	24 No provisions for backup equipment.
	<input type="checkbox"/>	25 Operation does not correspond with engineering plans.

GENERAL COMMENTS *Landfill is properly operated at this time. Large amount of material was uncovered and placed on several areas of site at time of inspection. Re-inspection scheduled in 30 days.*

Type of waste disposed:					
12. 01 (A) Residential 02 (A) Commercial 03 (A) Industrial 04 (A) Demolition 05 (A) Agricultural					
Person interviewed 13. <i>Joe Spiller</i>		Month 14.01	Day 14.02	Year 14.03	Time 14.04
Title 16. <i>Operator</i>		Weather conditions 15. <i>Hot (High Clouds)</i>			
Inspected by (Signature) 18. <i>S. R. Miller</i>		Reinspect prior to (date) 17. <i>May 1984</i>			
		Title 19. <i>Field Inspector</i>			

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
SANITARY LANDFILL EVALUATION

CSA 1430059

Name of site 01. <i>Calat-SLF</i>	Location (town, city) 02. <i>Calat</i>	County 03. <i>Lynch</i>	Site No. 04. <i>5-C198</i>
Operator 05. <i>City of Calat</i>	Address 06. <i>C. E. Hall</i>	Entities Served 07. <i>Calat &amp; Clinton Co.</i>	
Owner 08. <i>City of Calat</i>	Address 09. <i>P.O. Box 27</i>		

- 10
- ☐ 01 Inadequate information sign.
  - ☐ 02 Access not limited to operating hours.
  - ☐ 03 Inadequate employee facilities.
  - ☐ 04 Operator not certified.
  - ☐ 05 Inadequate records.
  - ☐ 06 Unsatisfactory access roads.
  - ☐ 07 Evidence of open burning.
  - ☐ 08 Dust or mud not properly controlled.
  - ☒ 09 Waste not confined to manageable area. *It is common waste piling and covering.*
  - ☐ 10 Unsatisfactory litter control.
  - ☐ 11 Improper spreading of waste.
  - ☐ 12 Improper compacting of waste.
  - ☐ 13 Unsatisfactory daily cover.
  - ☐ 14 Unsatisfactory intermediate cover.
  - ☐ 15 Unsatisfactory final cover.
  - ☐ 16 Improper drainage.
  - ☐ 17 Dumping waste into water.
  - ☐ 18 Leachate observed at the site.
  - ☐ 19 Leachate entering a water course.
  - ☐ 20 Improper handling of special waste.
  - ☐ 21 Unapproved salvaging of waste.
  - ☐ 22 Improper fire protection, emergency communications.
  - ☐ 23 Evidence of insects and vectors.
  - ☐ 24 No provisions for backup equipment.
  - ☐ 25 Operation does not correspond with engineering plans.

GENERAL COMMENTS *General operation of landfill is greatly improved. Some compacting and covering still needed as seen noted above.*

Type of waste disposed:						
12. 01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial	04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Agricultural		
Person interviewed 13. <i>M. Smith</i>		Month 14.01	Day 14.02	Year 14.03	Time 14.04	Weather conditions 15. <i>Dry</i>
Title 16. <i>Mayor</i>		Reinspect prior to (date) 17.				
Inspected by (Signature) 18. <i>S. K. Smith</i>		Title 19. <i>Field Inspector</i>				



ARKA. AS DEPARTMENT OF POLLUTION CONT. AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01. Name of site <i>Cadet S&amp;F</i>	02. Location (Town, City) <i>Cadet</i>	03. County <i>Lomb</i>	04. Permit No. <i>078-5</i>
05. Operator <i>City of Cadet</i>	06. Address <i>City Hall</i>	07. CEN # <i>430054</i>	
08. Permitted <i>✓</i> <i>✓</i> <i>✓</i>	09. Address <i>Cadet Ave. TX 23</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 03 50% - 75% <input type="checkbox"/> 04 More than 75% <input checked="" type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 I Class I 02 II Class II 03 III Class III 04 IV Class IV 05 Unclassified			
12. CLASS I VIOLATIONS			

## 12. CLASS I VIOLATIONS

- 01 Operation of an unpermitted facility \_\_\_\_\_  
02 Evidence of open burning \_\_\_\_\_  
03 Unsatisfactory daily cover \_\_\_\_\_  
04 Unsatisfactory final cover \_\_\_\_\_  
05 Improper drainage \_\_\_\_\_  
06 Dumping waste into water \_\_\_\_\_ *OK*  
07 Leachate observed leaving the site \_\_\_\_\_  
08 Leachate entering water course \_\_\_\_\_  
09 Improper handling of special materials waste *(leachate material observed in the area of site has been covered)*  
10 Accepting unsuapressed waste(s) \_\_\_\_\_  
11 Operation does not correspond with engineering design and plans \_\_\_\_\_

## 12. CLASS II VIOLATIONS


- 01 Access not limited to operating hours \_\_\_\_\_  
02 Unsatisfactory access roads \_\_\_\_\_  
03 Waste not confined to manageable area \_\_\_\_\_  
04 Unsatisfactory litter control \_\_\_\_\_  
05 Improper spreading of waste \_\_\_\_\_  
06 Improper compacting of waste \_\_\_\_\_  
07 Unsatisfactory intermediate cover **OK** \_\_\_\_\_  
08 Evidence of leachate leaving the site \_\_\_\_\_  
09 Improper fire protection, emergency communications **(Radio communication system still down but reports)** \_\_\_\_\_  
10 Evidence of vectors \_\_\_\_\_  
11 No provisions for backup equipment \_\_\_\_\_

#### 14. CLASS III VIOLATIONS

- 01 Inadequate information sign \_\_\_\_\_  
02 Inadequate employee facilities \_\_\_\_\_  
03 Inadequate records \_\_\_\_\_  
04 Permit not posted at site \_\_\_\_\_  
05 Engineering design and plans not available at site \_\_\_\_\_  
06 Unapproved mixing of wastes *AK* \_\_\_\_\_  
07 Leaking of wastes \_\_\_\_\_  
08 Leachate observed on site \_\_\_\_\_  
09 Dust or mud not properly controlled \_\_\_\_\_  
10 Accepting waste from inadequately covered vehicle \_\_\_\_\_  
11 Operator not certified \_\_\_\_\_

## 15. GENERAL COMMENTS

Landfill operation has improved since last inspection. Special material in NW corner of site has been covered.

16. Type of waste disposed:				
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial (process)		
04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Special materials	06 <input type="checkbox"/> Other (Identify under general comments)		
17. Person interviewed		19. Address		
 Title <i>Executive</i>		<i>J. A. A.</i> Month 21.01 day 21.02 year 21.03 time 21.04 <i>Nov 24 1984 1:20</i>		
22. Inspected by (signature)		24. Reinspect prior to (date)		

ARKA S DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01. Name of site <i>City of Calat SLF</i>	02. Location (Town, City) <i>Calat</i>	03. County <i>Lombard</i>	04. Permit No. <i>0178-5</i>
05. Operator <i>City of Calat</i>	06. Address <i>City Hall</i>	07. CSN # <i>430059</i>	
08. Permittee <i>City of Calat</i>	09. Address <i>Calat, AR 72023</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input checked="" type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 04 More than 75% <input type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 (X) Class I    02 ( ) Class II    03 ( ) Class III 04 ( ) Class IV    05 ( ) Unclassified			

12. CLASS I VIOLATIONS

- ☐ 01 Operation of an unpermitted facility
- ☐ 02 Evidence of open burning
- ☒ 03 Unsatisfactory daily cover *SW corner of site has large area of uncovered material due to recent bad weather*
- ☒ 04 Unsatisfactory final cover *Leachate observed in NW corner of site.*
- ☐ 05 Improper drainage
- ☐ 06 Dumping waste into water
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water course
- ☐ 09 Improper handling of special materials waste
- ☐ 10 Accepting unapproved wastes
- ☐ 11 Operation does not correspond with engineering design and plans

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☐ 02 Unsatisfactory access roads
- ☐ 03 Waste not confined to manageable area
- ☒ 04 Unsatisfactory litter control *Large area of site?*
- ☐ 05 Improper spreading of waste
- ☐ 06 Improper compacting of waste
- ☐ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communications
- ☐ 10 Evidence of vectors
- ☐ 11 No provisions for backup equipment

14. CLASS III VIOLATIONS

- ☐ 01 Inadequate information sign
- ☐ 02 Inadequate employee facilities
- ☐ 03 Inadequate records
- ☒ 04 Permit not posted at site *> Need information on site at all times*
- ☐ 05 Engineering design and plans not available at site
- ☐ 06 Unapproved sweeping of wastes
- ☐ 07 Scavenging of wastes
- ☐ 08 Leachate observed on site
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

15. GENERAL COMMENTS

*Landfill is in poor condition at this time. Recent bad weather has contributed greatly to present operating problems.*

16. Type of waste disposed:			
01 (X) Residential	02 (X) Commercial	03 (X) Industrial (process)	
04 (X) Demolition	05 (X) Special materials	06 ( ) Other (Identify under general comments)	
17. Person interviewed <i>J. W. Spiros</i>	19. Address <i>S. H. H.</i>	month <i>March</i>	day <i>11</i>
18. Title <i>Operator</i>	20. Phone	year <i>1985</i>	time <i>2:04</i>
22. Inspected by (signature) <i>J. E. Sullivan</i>		24. Reinspect prior to (date)	



ARKA 5 DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01 Name of site <i>City of Calicut S&amp;P</i>	02 Location (Town, City) <i>Calicut</i>	03 County <i>Franklin</i>	04 Permit No. <i>C198-5</i>
05 Operator <i>City of Calicut</i>	06 Address <i>City Hall, P.O. Box 1000 Calicut, Mo. 64601</i>	07 CSN # <i>720359</i>	
08 Permittee <i>City of Calicut</i>	09 Address <i>Calicut, Mo. 64601</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 04 More than 75% <input checked="" type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 I Class I    02 I Class II    03 I Class III 04 I Class IV    05 Unclassified			

12. CLASS I VIOLATIONS

- ☐ 01 Operation of an unpermitted facility
- ☐ 02 Evidence of open burning
- ☒ 03 Unsatisfactory daily cover *Present work area not covered since April 1, 1985*
- ☒ 04 Unsatisfactory final cover *Equipment breakdown returned to service April 5, 1985*
- ☐ 05 Improper drainage
- ☐ 06 Dumping waste into water
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water course
- ☐ 09 Improper handling of special materials waste
- ☒ 10 Accepting unapproved waste(s) *Intentionally tried to hide what was allowed to be dumped. As a result, the landfill is now full of waste. This is approximately 100,000 cu yd of waste.*
- ☐ 11 Operation does not correspond with engineering design and plans

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☒ 02 Unsatisfactory access roads
- ☒ 03 Waste not confined to manageable area *Waste is piled up around perimeter of site.*
- ☒ 04 Unsatisfactory litter control *Litter scattered over large area of site.*
- ☒ 05 Improper spreading of waste
- ☒ 06 Improper compacting of waste
- ☒ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communications
- ☐ 10 Evidence of vectors
- ☒ 11 No provision for backup equipment

14. CLASS III VIOLATIONS

- ☐ 01 Inadequate information sign
- ☐ 02 Inadequate employee facilities
- ☒ 03 Inadequate records
- ☒ 04 Permit not posted at site
- ☒ 05 Engineering design and plans not available at site
- ☒ 06 Unapproved scavenging of wastes *Scavenging material of metal scattered along road of work area*
- ☒ 07 Scavenging of wastes
- ☒ 08 Leachate observed on site *(check area of site)*
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

15. GENERAL COMMENTS

No improvement in landfill operation since inspection conducted March 11, 1985. No response to written letter to Mayor regarding deficiencies. Site is in terrible condition at this time.

16. Type of waste disposed:			
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input type="checkbox"/> Industrial (process)	
04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Special materials	06 <input type="checkbox"/> Other (identify under general comments)	
17. Person interviewed <i>J.W. Spires</i>	18. Address <i>S.H.A.</i>	month 21.01	day 21.02
19. Title <i>Operator</i>	20. Phone <i>5 H.A.</i>	year 21.03	time 21.04
22. Inspected by (signature) <i>J. R. McCallister</i>		24. Receipt prior to label <i>April 11 1985 10:00a</i>	
23. Title <i>Sub Inspector</i>		25. Weather conditions <i>Not applicable</i>	

INSPECTOR COPY - WHITE    FACILITY COPY - BLUE    RESPONSIBLE PARTY COPY - GREEN    DEPARTMENT COPY - PINK

42-0059

42-4

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01 Name of site <i>City of Cabot SLE</i>	02 Location (Town, City) <i>Cabot</i>	03 County <i>Lynch</i>	04 Permit No. <i>0172-5</i>
05 Operator <i>City of Cabot</i>	06 Address <i>P.O. Drawer 110</i>	07 CSN # <i>42059</i>	
08 Permittee <i>City of Cabot</i>	09 Address <i>Cabot, Ark.</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 04 More than 75% <input type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 <input checked="" type="checkbox"/> Class I    02 <input type="checkbox"/> Class II    03 <input type="checkbox"/> Class III 04 <input type="checkbox"/> Class IV    05 <input type="checkbox"/> Unclassified			

12. CLASS I VIOLATIONS

- ☐ 01 Operation of an unpermitted facility
- ☐ 02 Evidence of open burning
- ☒ 03 Unsatisfactory daily cover *Recent work area has unsatisfactory cover (both sides of pile)*
- ☒ 04 Unsatisfactory final cover *Final cover*
- ☒ 05 Improper drainage *Drainage pan*
- ☐ 06 Dumping waste into water
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water course
- ☒ 09 Improper handling of special materials waste *Large area of 10' in SE corner of landfill.*
- ☐ 10 Accepting unapproved wastes
- ☐ 11 Operation does not correspond with engineering design and plans

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☐ 02 Unsatisfactory access roads
- ☒ 03 Waste not confined to manageable area *Several areas in west area of landfill are unconfined.*
- ☒ 04 Unsatisfactory litter control
- ☒ 05 Improper spreading of waste
- ☒ 06 Improper compacting of waste
- ☒ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communication
- ☐ 10 Evidence of vectors
- ☐ 11 No provisions for backup equipment

14. CLASS III VIOLATIONS

- ☐ 01 Inadequate information sign
- ☒ 02 Inadequate employee facilities *No cleaning water in rest room facilities.*
- ☐ 03 Inadequate records
- ☐ 04 Permit not posted at site
- ☐ 05 Engineering design and plans not available at site
- ☐ 06 Unapproved storage of wastes
- ☐ 07 Scavenging of wastes
- ☐ 08 Leachate observed on site
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

15. GENERAL COMMENTS

*Only notable improvement in site is material along E/W entrance road has been covered since April 11/1985 inspection.*

16. Type of waste disposed:			
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial (process)	
04 <input checked="" type="checkbox"/> Demolition	05 <input type="checkbox"/> Special materials	06 <input type="checkbox"/> Other (Identify under general comments)	
17. Person interviewed <i>M. Smith</i>	19. Address <i>S.A.A.</i>	month 21.01	day 21.02
18. Title <i>Mayor</i>	20. Phone	year 21.03	time 21.04
22. Inspected by signature		24. Reinspect prior to (date)	

IF THE PAGE FILMED IS NOT  
AS LEGIBLE AS THIS LABEL,  
IT IS DUE TO THE QUALITY  
OF THE ORIGINAL.

ARKA IS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01. Name of site <i>City of Calat 561</i>	02. Location (Town, City) <i>Calat</i>	03. County <i>Franklin</i>	04. Permit No. <i>C178-5</i>
05. Operator <i>City of Calat</i>	06. Address <i>P.O. Drawer AD</i>	07. CSN # <i>430059</i>	
08. Permittee <i>City of Calat</i>	09. Address <i>Calat, Mo 65623</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input checked="" type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 04 More than 75% <input type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 04 Class I    02 11 Class II    03 11 Class III 04 11 Class IV    06 11 Unclassified			

12. CLASS I VIOLATIONS

- ☐ 01 Operation of an unpermitted facility
- ☐ 02 Evidence of open burning
- ☒ 03 Unsatisfactory daily cover *Area where daily cover not covered by equipment*
- ☒ 04 Unsatisfactory final cover *for past 30 days due to broken equipment*
- ☐ 05 Improper drainage
- ☐ 06 Dumping waste into water
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water source
- ☒ 09 Improper handling of special materials waste *Large drum of material (unlabeled) not properly labeled & stored*
- ☐ 10 Accepting unapproved wastes
- ☐ 11 Operation does not correspond with engineering design and plans

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☐ 02 Unsatisfactory access roads
- ☒ 03 Waste not confined to manageable area *Large area of waste in N.W. area of site - see comments*
- ☒ 04 Unsatisfactory litter control
- ☒ 05 Improper spreading of waste
- ☒ 06 Improper compacting of waste
- ☒ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communications
- ☐ 10 Evidence of vectors
- ☐ 11 No provisions for backup equipment

14. CLASS III VIOLATIONS

- ☒ 01 Inadequate information sign *No info on materials on site*
- ☐ 02 Inadequate employee facilities
- ☐ 03 Inadequate records
- ☐ 04 Permit not posted at site
- ☐ 05 Engineering design and plans not available at site
- ☐ 06 Unapproved salvaging of wastes
- ☐ 07 Storing of wastes
- ☐ 08 Leachate observed on site
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

15. GENERAL COMMENTS

*Overall operation in poor condition. Some improvements noted since last inspection.*

16. Type of waste disposed:			
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial (process)	
04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Special materials	06 11 Other (identify under general comments)	
17. Person interviewed <i>J. W. Spivey</i>	19. Address <i>S. H. H.</i>	month <i>June</i>	day <i>19</i>
18. Title <i>Operator</i>	20. Phone	year <i>1985</i>	time <i>4:30 PM</i>
22. Inspected by (signature) <i>C. R. S. 110</i>		24. Reinspect prior to (date)	

ARKA S DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01. Name of site <i>City of Cabot SCL</i>	02. Location (Town, City) <i>Cabot</i>	03. County <i>Lancaster</i>	04. Permit No. <i>6178-5</i>
05. Operator <i>City of Cabot</i>	06. Address <i>P.O. Box 1110</i>	07. CSN # <i>430059</i>	
08. Permittee <i>City of Cabot</i>	09. Address <i>Cabot, Mo. 64530</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input checked="" type="checkbox"/> 02 25% - 50% <input type="checkbox"/> 04 More than 75% <input type="checkbox"/> 05 Not Determinable	
11. Landfill classification: 01 <input checked="" type="checkbox"/> Class I    02 <input type="checkbox"/> Class II    03 <input type="checkbox"/> Class III 04 <input type="checkbox"/> Class IV    05 <input type="checkbox"/> Unclassified			

12. CLASS I VIOLATIONS

- ☐ 01 Operation of an unpermitted facility
- ☐ 02 Evidence of open burning
- ☒ 03 Unsatisfactory daily cover *Area of garbage in S.W. corner uncovered.*
- ☒ 04 Unsatisfactory final cover *Area of garbage in S.W. corner uncovered.*
- ☒ 05 Improper drainage
- ☒ 06 Dumping waste into water *Current dump pit in S.W. area has deep water pooled in trench.*
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water course
- ☐ 09 Improper handling of special materials waste
- ☐ 10 Accepting unapproved materials
- ☒ 11 Operation does not correspond with engineering design and plans *Present site not in permit area*

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☐ 02 Unsatisfactory access roads
- ☐ 03 Waste not confined to manageable area
- ☒ 04 Unsatisfactory litter control *Applicable to small areas of site*
- ☒ 05 Improper spreading of waste
- ☒ 06 Improper compacting of waste
- ☒ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communications
- ☐ 10 Evidence of arson
- ☐ 11 No provision for backup equipment

14. CLASS III VIOLATIONS

- ☐ 01 Inadequate information sign
- ☐ 02 Inadequate employee facilities
- ☐ 03 Inadequate records
- ☐ 04 Permit not posted at site
- ☐ 05 Engineering design and plans not available at site
- ☐ 06 Unapproved salvaging of wastes
- ☒ 07 Screening of wastes *Individual collecting leachate incineration material at site*
- ☐ 08 Leachate observed on site *Area north of present work site*
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

GENERAL COMMENTS

*Overall operation continues to be very poorly maintained.*

16. Type of waste disposed:			
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial (process)	
04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Special materials	06 <input type="checkbox"/> Other (identify under general comments)	
17. Person interviewed <i>Mr. J. J. Smith</i>	19. Address <i>S. A. St.</i>	month <i>10</i>	day <i>17</i>
18. Title <i>Superintendent</i>	20. Phone <i>145</i>	year <i>1985</i>	time <i>11:20</i>
22. Inspected by (signature)		24. Re-inspect prior to (date)	

ARKA: S DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
LANDFILL INSPECTION AND EVALUATION

01. Name of site <i>City of Calicut S.F.</i>	02. Location (Town, City) <i>Calicut</i>	03. County <i>San Diego</i>	04. Permit No. <i>0178-5</i>
05. Operator <i>City of Calicut</i>	06. Address <i>City Hall</i>	07. CSN # <i>430059</i>	
08. Permittee <i>City of Calicut</i>	09. Address <i>Calicut, Ariz. 72023</i>	10. Percent of Landfill Area Utilized <input type="checkbox"/> 01 Less than 25% <input type="checkbox"/> 03 50% - 75% <input type="checkbox"/> 02 25% - 50% <input checked="" type="checkbox"/> 04 More than 75% <input type="checkbox"/> 05 Not Determinate	
11. Landfill classification: 01 <input checked="" type="checkbox"/> Class I 02 <input type="checkbox"/> Class II 03 <input type="checkbox"/> Class III 04 <input type="checkbox"/> Class IV 05 <input type="checkbox"/> Unclassified			

12. CLASS I VIOLATIONS

- ☒ 01 Operation of an unpermitted facility
- ☒ 02 Evidence of open burning *large area - evidence of burning*
- ☒ 03 Unsatisfactory daily cover *large area - no cover material used; this is area*
- ☒ 04 Unsatisfactory final cover
- ☐ 05 Improper drainage
- ☐ 06 Dumping waste into water
- ☐ 07 Leachate observed leaving the site
- ☐ 08 Leachate entering water course
- ☐ 09 Improper handling of special materials waste
- ☐ 10 Accepting unapproved wastes
- ☐ 11 Operation does not correspond with engineering design and plans

13. CLASS II VIOLATIONS

- ☐ 01 Access not limited to operating hours
- ☐ 02 Unsatisfactory access roads
- ☒ 03 Waste not confined to manageable area *large amount of material in several areas*
- ☒ 04 Unsatisfactory litter control *large areas of debris from area*
- ☒ 05 Improper spreading of waste *material work area*
- ☒ 06 Improper composting of waste
- ☒ 07 Unsatisfactory intermediate cover
- ☐ 08 Evidence of leachate leaving the site
- ☐ 09 Improper fire protection, emergency communication
- ☐ 10 Evidence of theft
- ☐ 11 No provisions for backup equipment

14. CLASS III VIOLATIONS

- ☒ 01 Inadequate information sign *no swimming water on site, restrictions*
- ☐ 02 Inadequate employee facilities
- ☐ 03 Inadequate records
- ☐ 04 Permit not posted at site
- ☐ 05 Engineering design and plans not available at site
- ☐ 06 Unapproved storage of wastes
- ☐ 07 Scavenging of wastes
- ☐ 08 Leachate observed on site
- ☐ 09 Dust or mud not properly controlled
- ☐ 10 Accepting waste from inadequately covered vehicles
- ☐ 11 Operator not certified

15. GENERAL COMMENTS

*Landfill is in very poor condition. Present use area is not permitted site.*

16. Type of waste disposed			
01 <input checked="" type="checkbox"/> Residential	02 <input checked="" type="checkbox"/> Commercial	03 <input checked="" type="checkbox"/> Industrial (personal)	
04 <input checked="" type="checkbox"/> Demolition	05 <input checked="" type="checkbox"/> Special materials	06 <input type="checkbox"/> Other (identify under general comments)	
17. Person interviewed <i>Mr. Spire</i>	19. Address <i>C.A.D.</i>	month <i>Sept.</i>	day <i>11</i>
18. Title <i>Operator</i>	20. Phone	year <i>1965</i>	time <i>2:00 PM</i>
22. Inspected by (signature)		24. Re-inspect prior to label	



*Ad*

[illegible]

Presently working on  
site chosen.

01	Operation of an unpermitted facility	
02	Evidence of open burning	
03	Unsatisfactory facility cover	
04	Unsatisfactory final cover	
05	Improper drainage	
06	Dumping waste into water	
07	Leachate observed leaving the site	
08	Leachate entering water course	
09	Improper handling of special materials waste	
10	Accepting unapproved wastes	
11	Operation does not correspond with engineering design and plans	

*Presently working on site closure.*

13. CLASS II VIOLATIONS	
01	Access not limited to smoking hours
02	Unsatisfactory housekeeping
03	Wash not confined to smoking area
04	Unsatisfactory litter control
05	Improper storage of waste
06	Improper storage of ashtray
07	Unsatisfactory information given
08	Evidence of smoking during the day
09	Improper fire protection, emergency communication
10	Evidence of smoking
11	No provision for future improvement

14. CLASS III VIOLATIONS	
01	Inadequate information signs
02	Inadequate employee facilities
03	Inadequate records
04	Permit not posted at site
05	Engineering design and plans not available at site
06	Unauthorized sampling of wastes
07	Scavenging of wastes
08	Leachate observed on site
09	Dust or mud not properly controlled
10	Accepting waste from inadequately cleaned vehicles
11	Operator not certified

15. GENERAL COMMENTS: Mr. Spence states City of Cabot has not accepted garbage or other material at landfill since Oct. 1, 1985. He states the City of Cabot is now handling such material to the City of Cabot S.E. Mr. Spence is currently working to close site and is currently ASPC 92 upon completion of closure. Spence sent a site entrance address 7-11-86 closed. 8

14

DEPARTMENT COPY - WHITE FACTORY COPY - BLUE RESPONSIBLE PARTY COPY - GREEN INSPECTOR COPY - PINK



REFERENCE: 10<sup>14</sup> 1-23

**City of Cabot  
ARKANSAS**

72023

GLEN P. CLEMENTS, MAYOR

2nd and Main • TELEPHONE (501) 643-3566

April 14, 1981

MRS. VANCE TUCKER  
Treasurer

**ALDERMEN**

Ward 1  
HOLLON CRUM  
WILLIAM WAYMACK

Ward 2  
GARLAND WOMACK  
HAROLD (DOPE) JONES

Ward 3  
STERLING BEASLEY  
FRED WOOD

Ward 4  
MICHAEL MCGUE  
BOB DUKE

Arkansas Dept. of Pollution Control & Ecology  
P.O. Box 9583  
8001 National Drive  
Little Rock, Ar. 72219

Dear Sir:

Enclosed is the corrected narrative for the Sanitary Landfill  
for the City of Cabot.

Please contact me if further information is needed.

Sincerely,

*Glen P. Clements*  
Glen P. Clements  
Mayor

GPC/cmz



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AS LEGIBLE AS THIS LABEL,  
IT IS DUE TO THE QUALITY  
OF THE ORIGINAL.

SANITARY LANDFILL STUDY  
FOR  
CABOT, ARKANSAS

SANITARY LANDFILL  
FOR  
CABOT, ARKANSAS

This application for a Solid Waste Disposal Permit is for the expansion of an existing sanitary landfill owned by the City of Cabot. Cabot has operated this landfill since September of 1975. Most of the environmental and site characteristics are the same for the planned expansion as the original landfill. The following narrative describes the pertinent site features and a general description proposed for this expansion.

1. Proposed Site

- 1.1. Location: The proposed expansion is immediately north of the existing landfill which is  $1\frac{1}{2}$  miles north of downtown Cabot. The site is more particularly described as being in the SW $\frac{1}{4}$  of Section 6, T-4-N, R-9-W of Lonoke County.
- 1.2. Topography: The site has two distinct areas of differing topography. The southern one-half of the site is characterized by a sloped terrain with an approximate ten per cent slope from southwest to northeast. The remainder of the site is generally flat.
- 1.3. Site Drainage: The drainage pattern for this site is toward the northeast and to the northwest, both into a small tributary of Four Mile Creek. A buffer area adjacent to this tributary stream is provided to contain leachate from the landfill. Diversion ditching should be provided as shown on the Plans and as necessary to prevent ponding across the newly completed areas of the landfill. Proper construction of levee sections will also assist in diversion of water from the site.
- 1.4. Soil Characteristics: Soils in the upper four feet are silty clays with varying amounts of stone. These clays have poor to fair drainage characteristics. The lower five feet of soils strata are heavy clays

with cementous shale with very low permeability. These heavier clays should be utilized for final cover material so as not to prevent percolation from fill sections into the lower trenched sections. No groundwater was encountered in the test pits.

#### Service Area

- 2.1 The landfill is expected to receive wastes from domestic, commercial, institutional, industrial and public establishments in Cabot, and minor reaches of surrounding development. No hazardous wastes or liquids will be accepted.
- 2.2 Population Served: The population equivalent is estimated at 5,000 to 6,000 people for the anticipated life of the landfill.
- 2.3 Method of Service: The City of Cabot owns and maintains packer-type collection trucks with mechanical means of discharging wastes. Weekly collections are made throughout the service area.

#### Landfill Description

This expansion has the advantages of well maintained access and site entrance roads. All features of the site and its surrounding area are identical to the original landfill site.

#### Site Improvements

- 4.1. Access to Site: The existing site entrance road shall be extended with side ditching and culverts as required to provide access to the proposed site. The road should be well compacted with crushed stone added to assure an all-weather traffic surface. It is anticipated that the road will be extended as the landfill is developed unless the operator wishes to utilize the "dry weather" area so designated on the plans: in which case, the road must be extended to this area.

4.2. Access to Dumping Areas:

As the development of the site progresses temporary roadwork will be required to provide convenient traffic routing to the dumping areas. When these are no longer needed, each should be graded out and any culvert salvaged and reused.

4.3. Clearing and Grubbing:

This new site will require only minor clearing as the development progresses. All topsoil material should be stockpiled throughout the life of the landfill for later use.

Method of Constructing Landfill

The present methods of construction will continue. This consists of first trenching for burial of wastes followed by filling of wastes over the compacted burial refuse.

5.1. Progression of Development:

The individual areas shall be developed from north to south by construction of a levee to facilitate the area filling procedure. The development will begin with Area "A" and continue alphabetically; except, Area "E" should be utilized only during dry weather to avoid problems such as stuck vehicles and groundwater in trenches. A cell shall extend the complete length of the particular area before beginning the next cell.

5.1.1. Trenching:

Excavated material from the first cell of a particular "Area" should be used to construct the levee section.

The trench should be constructed such that all water from rainfall or groundwater drains away from the work area.

Generally, filling of trenches with refuse should progress from west to east in areas A through D and south to north for Area E.

Cover material can be obtained from the next cell as trenching progresses.

5.1.2.

Filling:

Filling operations can begin when a trench has been completely filled with refuse. As the following cell is being trenched, the excavated material is used for daily cover and final cover for the fill section of the preceding cell.

Filling operations should progress in the same direction as the trenching operation, so as to take advantage of the additional compaction of trench areas by movement of vehicles.

Rainfall runoff will be easily directed away from the work area by grade differentials.

5.1.3.

Final Cover:

Following filling methods and final cover of the cell, a four-inch cover of topsoil should be added for a total compacted thickness of 30 inches. Seeding of the topsoil should also be provided immediately following placement of topsoil.

6. Traffic Flow and Unloading

Traffic will travel on the site access roads bi-directionally. Signs for direction will need to be posted or a fee clerk shall be stationed at the main entrance for collection and directions. No major problems have arisen at the existing site relating to traffic flow or dumping.

but particular attention should be given to the vehicles which require manual unloading to prevent disruption of traffic.

## 2. Handling and Compacting Various Wastes:

### 2.1. General Refuse:

The general type refuse wastes are usually made up of such heterogeneous mixtures of materials as paper, cans, bottles, cardboard, wooden boxes, plastics, lumber, metals, yard clippings, food wastes, rocks, soil, leaves, brush, etc. These types of refuse can be readily compressed and crushed under relatively low pressure when individually exposed to the direct impact of compaction equipment. However, when these items are combined and/or make up the mass of the solid waste they often bridge or act as a cushion, thus protecting the relatively low strength materials from being crushed under the load of the equipment.

To reduce this cushioning and bridging effect and to attain a greater volume reduction at the Cabot Landfill, all refuse deposited in the general refuse area shall be spread in layers less than two (2) feet deep and then tracked over the entire width of each layer with the spreading equipment at least three times.

Solid waste that contains a high percentage of brush, leaves and yard clippings will require the expenditure of more compactive efforts. Should entire loads of such items be received at the landfill site, they shall be spread and compacted near the bottom of a cell and less resilient waste placed and compacted on top.

The equipment operator at the Cabot sanitary landfill shall maintain the working face at a slope of no greater than 3:1. Waste shall be deposited at the toe of all work faces (either by directly unloading there or moved to the toe by spreading equipment) and then spread by

pushing up the slope. With waste spread against the slope in this manner and the machine moved up and down, it will thus tear and compact the waste and eliminate voids. The equipment operator should make passes until he no longer can detect that the surface of the waste is being depressed more than it is rebounding. The compacted density of the refuse in the trenches and fill sections shall be a minimum of 800 lbs/cubic yard.

7.2 Bulky Refuse:

Bulky wastes include such items as car bodies, demolition and construction debris, large appliances, furniture, etc. Such items so deemed to be bulky and/or difficult to reduce in volume shall be disposed of as outlined herein.

Significant volume reduction of construction rubble, stumps and timbers cannot be achieved, but car bodies, furniture, and appliances can be significantly reduced in volume. Such reduction or compaction shall be achieved by placing the items on solid ground and rolling over them with the heavy landfill equipment. Compacted items should be deposited at the bottom of the trenches.

Selected loads of demolition and construction debris- broken concrete, asphalt, bricks, and plaster- shall be stockpiled and used to build on-site (temporary) roads.

Even though bulky wastes do not usually contain putrescibles, they are to be covered with a thin layer of soil at the end of each operating day to eliminate harborage for rats and other pests.



8. Wastes Not Accepted:

The following is a general description of materials that require special handling for their disposal and shall not be accepted at the Cabot Sanitary Landfill unless written approval has been obtained from the Department of Pollution Control & Ecology of the State of Arkansas.

The wastes are, but not limited to: Sewage solids or liquids, septic tank pumpings, and other liquids, semi-liquids; large dead animals, such as horses, cows, etc.; or hazardous substances and materials, such as infectious or pathogenic hospital wastes, biological wastes, radioactive materials; dye concentrates; waste chemicals; highly flammable or volatile substances; unexpended pesticide containers; pesticides; raw animal manure or explosives.

9. Placement of Cover Material:

9.1. Daily Cover:

A minimum 6-inch compacted thickness of soil will be placed over the daily refuse deposits of Phase I and Phase II of the Cabot Sanitary Landfill. In Phase II the 6-inch daily cover shall be applied to the side slopes (end faces) and the 2-ft. final cover to the top as construction of the cell progresses, thus leaving only the working face exposed. The working face shall be covered with a minimum 6-inch compacted thickness of soil at the end of each operating day.

9.2. Intermediate Cover:

A 1-foot compacted depth of intermediate cover, or what could actually be termed as the final cover, for Phase I operations shall be placed on top of the refuse as the work face progresses along the trench length, leaving only the work face exposed. The work face shall be covered at the close of each day's operation with a 6-inch compacted thickness of soil.

Periodic grading and compacting of the intermediate cover will be necessary to repair erosion damage and to prevent ponding of water. Cracks and depressions that develop due to moisture loss and settlement of the fill shall be repaired frequently.

9.3. Final Cover:

Final cover over the General Refuse Area of the Cabot Sanitary Landfill shall be a 2-foot minimum compacted thickness of soil, with the top 4 inches being made up of the topsoil stripped from the site and stockpiled. The 4-inch thickness of topsoil shall not be highly compacted as it is to receive seeding. Application of the final cover shall be advanced as the fill sections are completed.

Based on soil investigations performed at the Cabot Sanitary Landfill site, it is recommended that soil excavated between 0 and 48- inches deep in the trenches and borrow pit be used to satisfy the volume of daily and intermediate cover material required during each year's operation. Further, the soil excavated from these areas between 48- inches and 84+- inches shall be reserved for use as final cover material.

10. Operations During Inclement Weather:

The two major weather conditions which cause difficulties at a landfill are precipitation and extreme cold.

10.1. Extreme Cold:

During extended periods of sub-freezing weather, frozen soil is not suitable for covering, nor should attempts be made to compact frozen material.

10.2. Rainfall:

Heavy rainfall must be continually and adequately diverted. Diversion ditches and/or terraces can be extremely useful in

The terraces can be graded when each is no longer needed and utilized as cover material.

- 10.3. The northern sector of the landfill, Area "E" is to be reserved for dry weather use only. Careful attention must be directed to area drainage when using Area "D" to maintain roads and divert water.

Weather conditions cause maintenance problems for the construction of the landfill and access to the landfill. Added surface materials will likely be required and much grading and reshaping of roadbeds.

10.4. Levees:

The levees which divide the "areas" are intended to provide a working fill section, and once the "area" is completely developed, will assist in diversion of rainfall runoff.

11. Fire Control:

It is recommended that a mobile unit of the city's two-way radio system be established at the Cabot sanitary landfill site for direct contact with the City's Fire Department in case of fire. Also, all equipment operators shall keep a fire extinguisher on their machine at all times for extinguishing small fires.

All landfill personnel shall be briefed on fire-fighting procedures and use of the two-way radio system for contacting the City Fire Department. No burning of wastes shall be allowed at the Cabot Sanitary Landfill.

Equipment fuels shall be properly stored in satisfactory containers in the vicinity of the equipment storage building.

12. Litter Control:

- 12.1. It shall be the daily responsibility of all employees of the Cabot sanitary landfill to police all loose paper and other light articles of refuse from the site and along access roads leading to

work face before the day's operations area is covered.

- 12.2. Fencing and brushy, wooded areas should be kept as such now exists as long as possible to possibly catch loose papers, and prevent unsightly conditions.

13. Salvage and Scavenging:

There shall be no salvaging, sorting, or scavenging of any wastes delivered to the Cabot sanitary landfill.

14. Completed Landfill:

14.1. Settlement:

Completed sanitary landfills will settle as a result of waste decomposition, filtering of fines, superimposed loads, and its own weight. Bridging that occurs during construction produces voids. As the waste decomposes, fine particles from the cover material and overlying solid waste often sift into these voids. The weight of the overhead and cover material helps consolidate the fill, and this development is furthered when more cover material is added or roadway is constructed on the fill.

Settlement can produce wide cracks in the cover material that exposes the wastes to rats and flies, allow water to infiltrate, and permit gas to escape. Differential settling may form depressions that permit water to pond and infiltrate the fill. Because every landfill settles, its surface must be periodically inspected and soil should be added and graded when necessary.

The Cabot sanitary landfill shall be repaired of all cracks, erosion and uneven settlement of the final cover during the first two years following completion of the fill.

14.3. Use:

There are many ways in which a completed sanitary landfill can be used. It can, for example, be converted into a green area or be designed for recreational, agricultural, or light construction purposes.

It is recommended that the completed Cabot sanitary landfill be used as a green area. The completed landfill shall be seeded and turf established as herein described.

Turf shall be established on the final cover of each year's operation, all side slopes, terraces and, in general, on all areas disturbed during construction of the sanitary landfill; less and excepting the all-weather access road and borrow pit area. Establishment of turf on the final cover area of each year's operation shall be as soon as possible after completion of each year's Phase II operation.

The upper four (4) inches of the two (2) foot final cover shall be topsoil as stripped from the site during initial clearing and grubbing operations. Topsoil shall be applied to the surface of all areas to be seeded to a compacted thickness of 4-inches.

After topsoiling, areas to be seeded shall be dressed to the shape and section shown on the Plans and thoroughly pulverized by disk harrows or other approved means to a depth of not less than two (2) inches. All sticks, debris, and other foreign matter must be removed and the soil left in a suitable condition to receive seed.

Fertilizer shall be applied to the areas that are to receive seed at the rate of 600 pounds per acre. Fertilizer shall be drilled into the soil or broadcast over the area and incorporated during the pulverization, but distribution must be uniform.

Sowing of seed may be by mechanical hand seeders or by approved power equipment. Either method must give uniform distribution and no seeding will be permitted during a high wind. For Bermuda seedings the area shall be firmed with a cultipacker immediately before and after seed are broadcast. For fescue seeding the area shall be firmed with a cultipacker immediately after the seed are broadcast on top of the soil.

Where seed and fertilizer are drilled together, the rows shall not exceed 16 inches in width, and must be parallel to slopes. The seed and fertilizer may be drilled from separate containers, or from one container if properly mixed. Seed and complete solid fertilizer shall not be mixed for more than 12 hours prior to seeding, except on areas where straight nitrogen fertilizer is used, the seed and fertilizer may be broadcast separately or may be drilled simultaneously in the same row from separate containers.

<u>Kind of Seed</u>	<u>Planting Season</u>	<u>Seeding Rate</u>
Tall Fescue (Ky. 31 or Alta)	Sept. 1-Oct. 15	30 Lb/Acre
Bermuda Grass (Cynodon dactylon)	April 1-June 15	10 Lb/Acre

The completed sanitary landfill shall be seeded in full accordance with the above schedule. If the various portions of the work are not finished at such time to allow immediate seeding, mulch shall be applied to the area and then return during the next planting season and seed and remulch the areas to be turfed, all in full accordance with this section of the Manual.

Bermuda seed shall be drilled on top of the soil. Bermuda seed shall be drilled no more than 1/2- inch deep.

Immediately after seeding and cultipacking, straw mulch shall be applied at the rate of two (2) tons per acre, and may be spread by hand or by suitable equipment, and shall cover the entire seeded area. Where rains are likely to occur before completion, the straw covering shall be started at the upper part and shall continue uniformly until the area is completely covered. Material for mulching shall consist of threshed straw of oats, wheat, or rice. If the material is too long and brittle to properly secure to the surface of the soil, it shall be cut in an ensilage cutter or other equipment to lengths not exceeding eight (8) inches. Immediately following the spreading of the mulch material, it shall be anchored to the soil by means of a cultipacker, a disk harrow set to cut only slightly, a rotary hoe run backwards, or other equipment that will securely anchor the mulch and prevent it from floating or bunching by water or wind action. The number of passes over the material to secure it shall not exceed three (3) passes. Where slopes are such, or around structures where machinery cannot operate properly, the mulch material shall be spread uniformly by hand and secured by a shallow covering of earth, or cut into the ground at six inch intervals by means of a square point shovel.

After seeding is complete, the seeded area shall be kept thoroughly watered until a sufficient growth of grass is evident on the surface of the ground. In the case of Bermuda, watering must continue until the grass has sufficient root structure to withstand dry weather. Watering shall preferably be done in the afternoon. Any area larger than two (2) square yards not showing evidence of growth of grass shall be reseeded.



15. Close-Out:

The Cabot Sanitary Landfill shall be inspected periodically and after its completion by the Department of Pollution Control & Ecology of the State of Arkansas to insure its proper operation.

16. Available Equipment:

Currently the existing landfill is being maintained with a track backhoe and a large dozer. The City of Cabot has a rubber-tired backhoe for emergency use only. Dump trucks owned by the City could be used for short durations to haul material. It is not known whether county owned vehicles or equipment is available for stand-by or emergency situations.



STATE OF ARKANSAS **REFERENCE: 11**  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 NATIONAL DRIVE, P.O. BOX 9583  
LITTLE ROCK, ARKANSAS 72209

January 6, 1987

PHONE: (501) 562-7444

The Honorable N.E. Smith  
Mayor, City of Cabot  
City Hall, Drawer AD  
Cabot, Arkansas 72023

Dear Mayor Smith:

Please recall a visit to your closed sanitary landfill on December 22, 1986, by S.K. McMullen and I. This visit revealed that the facility is 75% closed out but lacks point work at a number of spots to bring up the final contours of the cover. Further, areas that have received final cover must be seeded or sodded to reduce water percolation and leachate generation as well as to prevent soils erosion.

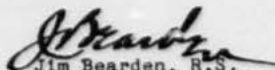
Should leachate become a factor in the areas that have evidence of receiving poor quality cover, the Department retains the right to require correction by diversion berms or ditches to prevent runoff water or the supercharging of the area affected by the addition of cover soils greater than normal close-out requirements.

The Division has set a final closure date for the facility at September 15, 1987. However, if final closure is accomplished prior to this date please advise me.

We appreciate your efforts in accomplishing this task for your City and are aware of the expense necessary to accomplish an environmentally sound closure and realize that while time frames are necessary in any undertaking, we cannot set unrealistic goals.

If you should need additional information of technical assistance, do not hesitate to contact me.

Sincerely,

  
Jim Bearden, R.S.  
Coordinator  
Solid Waste Division

JB:jfs

cc: Sam McMullen, EFS  
City of Cabot File



STATE OF ARKANSAS  
DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY  
8001 NATIONAL DRIVE, P.O. BOX 9583  
LITTLE ROCK, ARKANSAS 72209

REFERENCE: 12

CERTIFIED MAIL #P 612 671 471  
RETURN RECEIPT REQUESTED

PHONE: (501) 562-7444

April 12, 1985

Honorable W. E. Smith  
Mayor, City of Cabot  
Post Office Drawer AD  
Cabot, Arkansas 72023

RE: Cabot Sanitary Landfill, Permit #0178-S, CSN #43-0059

Dear Mayor Smith:

I conducted an inspection on April 11, 1985, of the Cabot Sanitary Landfill pursuant to the Arkansas Solid Waste Management Act and Disposal Code. This inspection reveals you are not in compliance with the requirements of the law and regulations. Specifically, I found the following violations:

1. Unsatisfactory daily cover.
2. Unsatisfactory final cover in south area of site.
3. Improper drainage.
4. Accepting unapproved waste.
5. Waste not confined to manageable area.
6. Unsatisfactory litter control.
7. Improper spreading of waste.
8. Improper compacting of waste.
9. Unsatisfactory intermediate cover.
10. Inadequate records.
11. Permit not posted at site.
12. Unapproved salvaging of waste.
13. Leachate observed on site.
14. Operation does not correspond with engineering design and plans.

I inspected the landfill on March 11, 1985, and sent you a letter at that time noting several of the above listed violations. The letter requested immediate action to correct these deficiencies and a written response within thirty (30) days regarding correction of these violations. To date, no response has been received by our Department regarding the March 11th inspection. Also, operating conditions at this site have deteriorated greatly since that inspection. The large area of putrescible garbage observed during the April 11, 1985, inspection is potentially a health hazard as well as being in violation of the landfill permit regulations.

Page 2  
Honorable W. E. Smith  
Mayor, City of Cabot

A copy of the inspection is enclosed. I took several pictures of the site during inspection. Please undertake immediate action to correct these violations. I am requesting you to submit, within ten (10) days of receipt of this letter, plans outlining measures to bring this facility into compliance with these regulations.

If I may be of assistance regarding this matter, please contact me.

Sincerely,

*S. K. McMullen*

S. K. McMullen  
Field Inspector  
Compliance and Technical Assistance Branch

SKM/js

Enclosure

ATLANTAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

MEMORANDUM

REFERENCE: 13

TO : Dorce Hughes, Inspector Supervisor-Hazardous Waste, TSB  
FROM : Mike Bates, Hazardous Waste Inspector, TSB W.D.  
DATE : February 24, 1981  
SUBJECT: Drums of Hazardous Materials at Cabot Sanitary Landfill

Field Inspectors from the Enforcement Branch report several drums of materials at the Cabot Sanitary Landfill. Several of the drums had labels stating that the drums, when emptied, would be hazardous.

I visited the Cabot Sanitary Landfill on February 19, 1981, with Randy Gresham, to investigate the drums. We observed thirty-four 55 gallon drums, several drums were bulged at the ends. The majority of the drums were labeled as paint stripper or contact adhesive. The shipping address was Falcon Jet of Little Rock. There was one drum addressed to Dressline Manufacturing, Cabot. The top of the drum was labeled Inquer sealer and appears to have burnt approximately 3/4 of the way down.

Two of the drums of Pennwalt EZ-Strip were laying on their side and leaking. There was also one of the adhesive drums that had been leaking - self sealed.

According to the landfill operator, the drums have been on site since before August, 1980.

We went by Dressline Manufacturing to explain the situation to them. We met with Steve Tipton and his father, Steve Tipton was very cordial and receptive. I explained that Dressline, as the apparent generator of the waste, would be responsible for determining the nature of the waste in the drum and, if hazardous, dispose it in an authorized landfill.

I asked the Tipton's if they had any hazardous waste. They replied that to their knowledge they did not. I asked if they were aware of RCRA and the hazardous waste regulations; they were not. They also stated that they did not receive a notification packet from EPA. Dressline is a furniture manufacturer in their production line. They had spray booths which use dry filters. I explained that their paint residue would have to be tested according to the characteristics tests and referred them to the May 19, 1980, Federal Register.

The senior Tipton told us that we could get all this information from his suppliers without bothering him with it. He got very upset when I told him the Department did not have the resources to track this and that it was the generator's responsibility to determine if his waste was hazardous or not.


Doice Hughes, Inspector Supervisor  
Mike Bates, Hazardous Waste Inspector  
February 24, 1981  
Drums at Cabot Sanitary Landfill  
Page Two

I requested that a letter be sent to us stating what Dreamline was going to do with the waste at the Cabot Sanitary Landfill.

I contacted Bill Honeycutt of Falcon Jet and explained what we found and advised him that the barrels would have to be removed and disposed properly. Mr. Honeycutt stated that they (Falcon Jet) had some raw materials "go bad" last summer and ordered the warehouse foreman to get rid of it. He said he would have the barrels picked up and send us a letter concerning the status of the waste.

cc: Cabot Sanitary Landfill File ✓



ARKANSAS  Department of Pollution Control and Ecology Solid Waste Management Division		<input type="checkbox"/> phone <input checked="" type="checkbox"/> field trip <input type="checkbox"/> other (specify)	<input checked="" type="checkbox"/> discussion <input type="checkbox"/> conference <b>REFERENCE: 14</b>
RECORD OF COMMUNICATION			
TO: <i>Robert J. Lee</i>		FROM: <i>Robert J. Lee</i>	
		DATE: <i>8-6-77</i>	
		TIME: <i>11:00</i>	
SUBJECT: <i>in the interest of Robert J. Lee</i>			
SUMMARY OF COMMUNICATION <i>Robert J. Lee was contacted by a young man who          told him that he had been informed by a person who          stopped at Mr. Lee's home that about 1/2 mile east of the          landfill, he informed me of a 10 inch, partially covered, drilled          well that was apparently covered over, having against operation.          I asked him if he knew where the well was located and he          said it was near the front of the hill of the landfill. He said          that when the well was covered over because of changes made          on the landfill, I asked him if he knew the depth of the well          but again he did not know the size and depth of the well          in the pit. This well is a concern of the landfill's leachate          problems that or they think is Mr. Lee's neighbor and          she has already complained about the well and the smell.          The leachate is rising. Though it is well along the          area west to the landfill. One possible spring was          (continue on reverse if necessary)</i>			
CONCLUSIONS, ACTION TAKEN OR REQUIRED			
INFORMATION COPIES TO: <i>Robert J. Lee</i>			

closed on the fill over the road. It is possible  
that this leak is generated by underground springs  
flowing through the limestone mass.

Since there was concern about the water source  
she is on a road. I tried to contact the County  
Health Dept so they might run a sample of the water.

from

Earlier that day I contacted Mr. Kip Sullivan who is  
also sent to Mayer here. He knew nothing of the matter but  
would investigate and let me know something. In the  
meantime think out I am trying to come up with some  
real photos and people who know something about this.

REFERENCE 16

STATE OF ARKANSAS

Arkansas Geological and Conservation Commission

Norman F. Williams, Geologist-Director

---

WATER RESOURCES CIRCULAR NO. 5

---

GROUND-WATER RESOURCES OF PARTS OF  
LONOKE, PRAIRIE, AND WHITE COUNTIES, ARKANSAS

---

by

Harlan B. Counts

U. S. GEOLOGICAL SURVEY

Prepared in cooperation with the United States Geological Survey

Little Rock, Ark.

1957

TABLE 3  
Generalized Geologic Section for Parts of Lonoke, Prairie, and White Counties, Ark.

Era	System	Series	Subdivision	Thickness (feet)	Character of Materials	Water Supply
Cenozoic	Quaternary	Recent (?)	Alluvium	0-50	Clay, commonly red, in places gray; silt, generally sandy to gravelly.	Generally non-water-bearing. Locally domestic water supplies are obtained from basal part.
		Pleistocene (?)	Alluvium and terrace deposits	0-150	Sand and gravel in basal part, commonly overlain by fine sand, silt, and clay.	Basal part is most important aquifer in this area. Irrigation-well yields are as high as 2,000 gpm.
	Tertiary (?)	(?)	Undifferentiated deposits	0-150	Sand, clayey, and sandy clay, generally yellow to reddish-brown, mottled with gray spots where reducing conditions have existed. Channel fillings of clean sand occur locally.	Clean sand beds are important locally for domestic water supplies.
	Tertiary	Eocene	Claiborne group	0-700	Sand, white to light-gray, fine to medium, and gray to tan clay and sandy clay.	May possibly yield soft water in southeastern part of area. Salty water at base. Not yet developed by wells.
			Wilcox formation	0-300	Clay, chocolate-brown or speckled light-gray and black; lignitic clay and lignitic fine sand.	Probably contains fresh water in narrow belt across area, but wells were not developed in formation at time report was written.
		Paleocene	Midway formation	0-500	Clay, dark-blue-gray to black, non-calcareous to very calcareous. A few very thin beds of white clay and dense fine-grained sandstone.	Generally non-water-bearing in this area.
Mesozoic	Cretaceous	Upper Cretaceous (Gulf)	Undifferentiated deposits	0-150	Sandstone, light-gray to white, fossiliferous, calcareous, glauconitic, overlain and underlain by sandy clay, shale, and marl.	Deeply buried where present and probably contains only salty water.
Paleozoic	Pennsylvanian	Atoka	Atoka formation	500?-1,500?	Shale and sandstone interbedded. Sandstone generally tightly cemented. "Slate-rock" of drillers.	Water bearing only in area of outcrop. Locally contains small quantities of water in joints and other fractures, generally within 150 feet of the surface. Wells commonly yield 1 to 10 gpm.





REPORT OF WATER WELL CONSTRUCTION **PREFERENCE 17**

New Well ☐ Work-over Well ☒ (b) (6)  
Owner of Well (b) (6)  
Well Contractor Ames-Whitling Co  
Driller Name and No. Ed & Ann 02232  
Date Well was Completed June 2-81  
1. Total Depth of Well 80 Ft.  
2. Water Producing Formation: From 30 Ft. To      Ft.  
3. Water Level Below Land Surface 25  
4. Gallons per Hour 50  
5. Well Disinfected with ATN  
6. Casing to 80 Ft.  
7. Cased with 30 Diameter Corrugated Casing  
8. Cemented from 0 Ft. to 10 Ft.  
9. Use of Well: Domestic ☐ Irrigation ☐ Municipal ☐ Other ☐

(b) (6)

Description and Color of Formation (sand, shale, sandstone, etc.)	Depths from	in feet to
<u>Clay</u>	<u>0</u>	<u>80</u>

Remarks: Ed & Ann  
Signed: Ed & Ann Date: 6-2-81

Form No. AWD-3

Mail to: Committee on Water Well Construction, 2915 So. Pine Street,  
Little Rock, Arkansas 72204

GEOLOGY COPY

STATE OF ARKANSAS  
REPORT OF WATER WELL CONSTRUCTION

New Well ☒ Work-over Well ☐ Replacement Well ☐  
Owner of Well (b) (6)  
Contractor Ed & Ann C 1000  
Driller Name and No. Ed & Ann 2171  
Date Well was Completed 12-10-81  
1. Total Depth of Well 105' Ft.  
2. Water Producing Formation: From 40 Ft. To 105' Ft.  
3. Water Level Below Land Surface 65'  
4. Gallons per Hour 600  
5. Well Disinfected with Chlorine  
6. Casing to 100 Ft.  
7. Cased with 2 Diameter 40 Casing  
8. Cemented from      Ft. to      Ft.  
9. Use of Well: Domestic ☒ Irrigation ☐ Municipal ☐ Other ☐

County Lonoke  
(in which well is located)

(b) (6)

Description and Color of Formation (sand, shale, sandstone, etc.)	Depths from	in feet to
<u>Red Clay</u>	<u>1</u>	<u>40</u>
<u>Red Soil</u>	<u>40</u>	<u>80</u>
<u>Red Soil</u>	<u>80</u>	<u>105'</u>

Remarks: Ed & Ann  
Signed: Ed & Ann Date: 12-10-81

Form No. AWD-3

Mail to: Committee on Water Well Construction, 2915 So. Pine Street,  
Little Rock, Arkansas 72204

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OF THE ORIGINAL.

REPORT OF WATER WELL CONSTRUCTION

New Well ☒ Work-over Well ☐ Replacement Well ☐  
Owner of Well (b) (6)  
Contractor Fred Gordon 61090  
Driller Name and No. Fred Gordon 2171  
Date Well was Completed 9-24-81  
1. Total Depth of Well 73 Ft.  
2. Water Producing Formation: From 20 Ft.  
To 77 Ft.  
3. Water Level Below Land Surface 30  
4. Gallons per Hour 600  
5. Well Disinfected with Chlorine  
6. Casing to 68 Ft.  
7. Cased with plastic Diameter 2" Casing  
8. Cemented from Ft. to Ft.  
9. Use of Well: ☒ Domestic ☐ Irrigation ☐ Municipal ☐ Other

County Lenoir  
(in which well is located)

(b) (6)

Description and Color of Formation (sand, shale, sandstone, etc.)	Depths from	in feet to
Red clay	1	10
Brown clay	10	18
Brown sand	18	77

Remarks:  
Signed: Fred Gordon Date: 9-24-81

Form No. AWD-3

Mail to: Committee on Water Well Construction, 2915 So. Pine Street,  
Little Rock, Arkansas 72204

GEOLOGY COPY

OVERSIZE DOCUMENT

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position in the paper document  
is:

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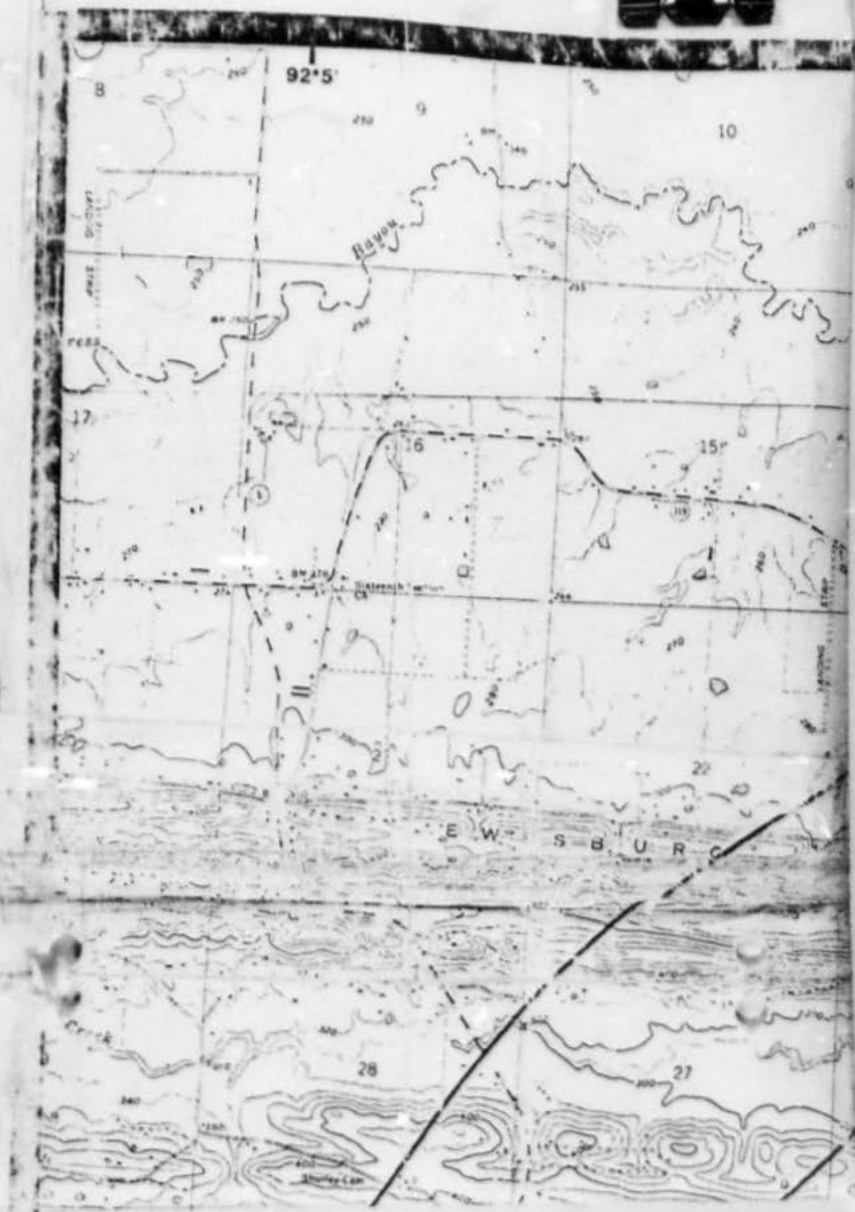
ARD 98326A275

on the roll of 35mm film.

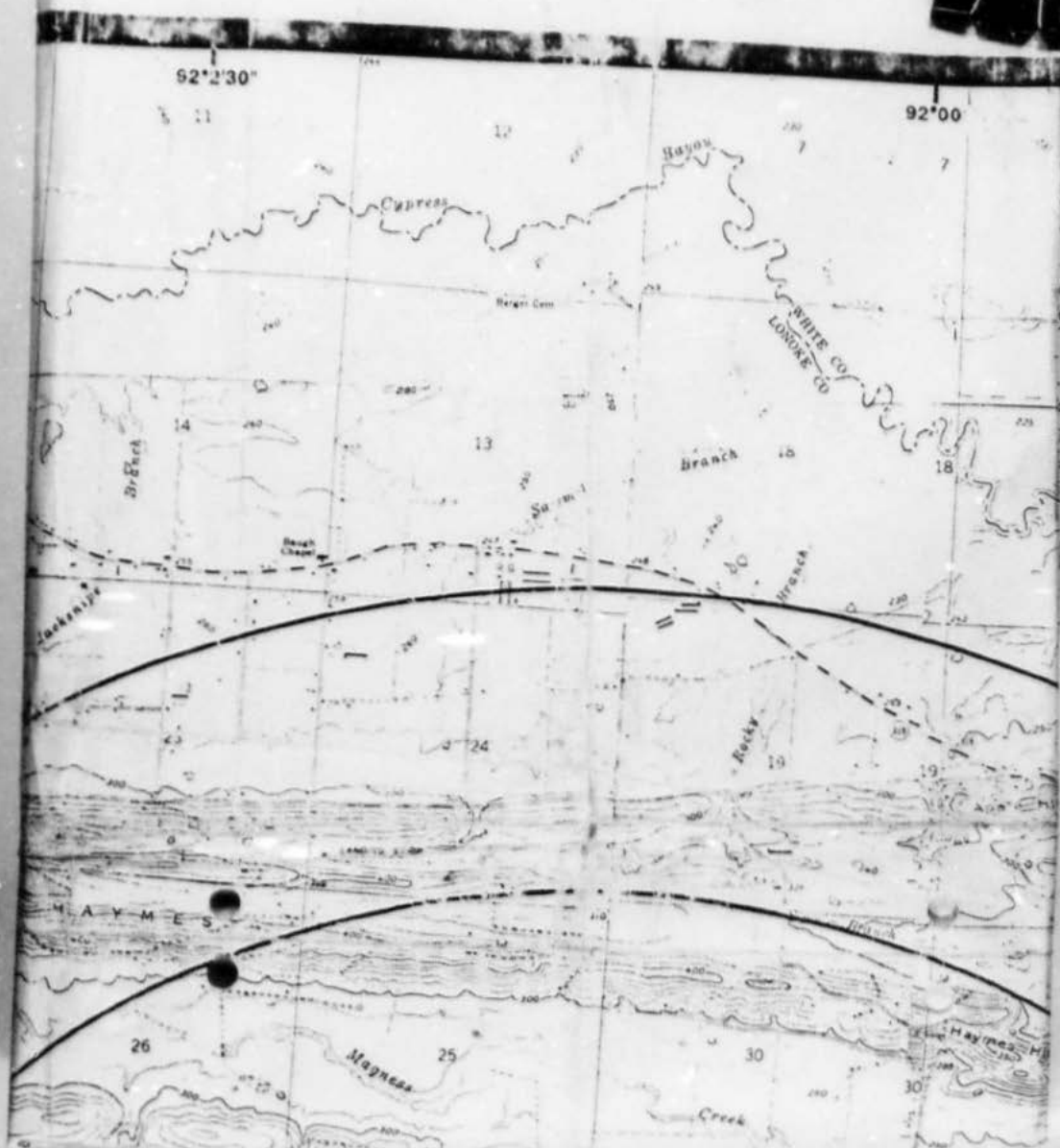
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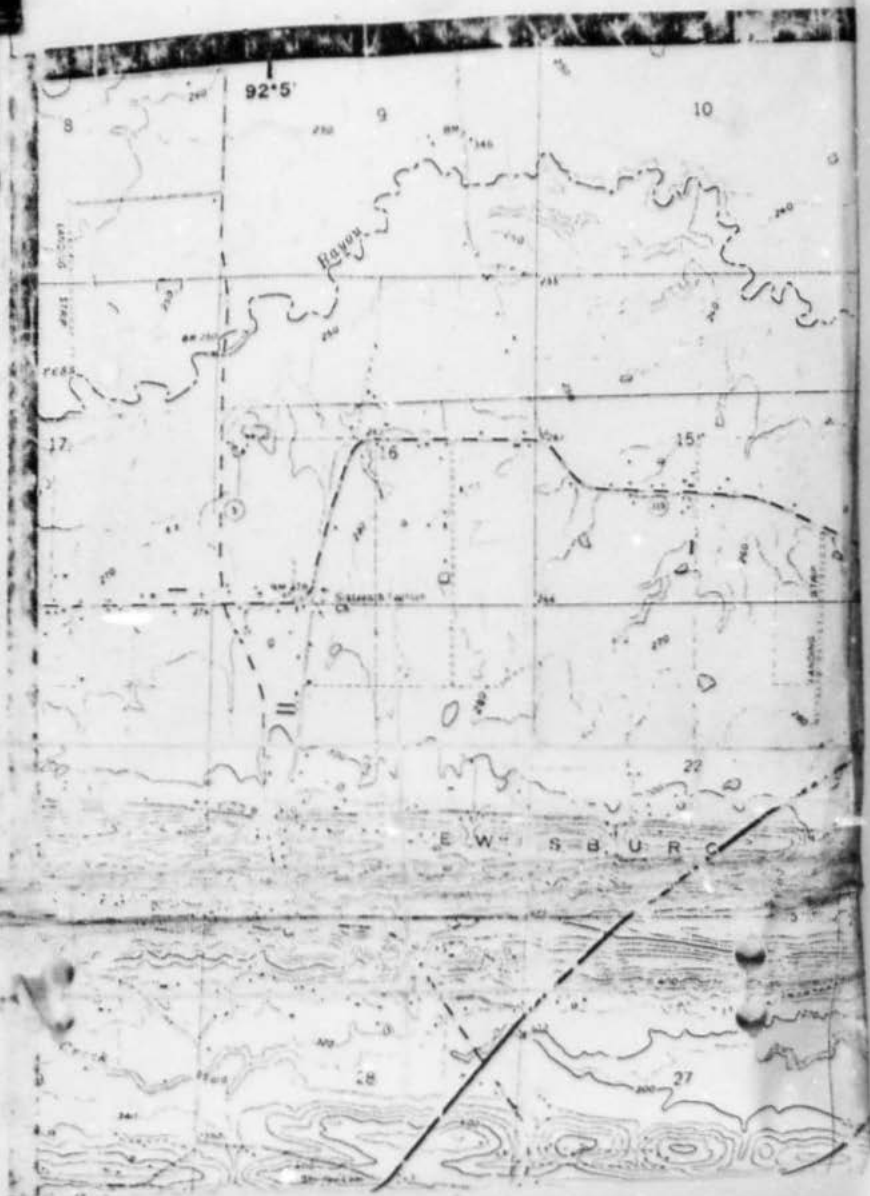
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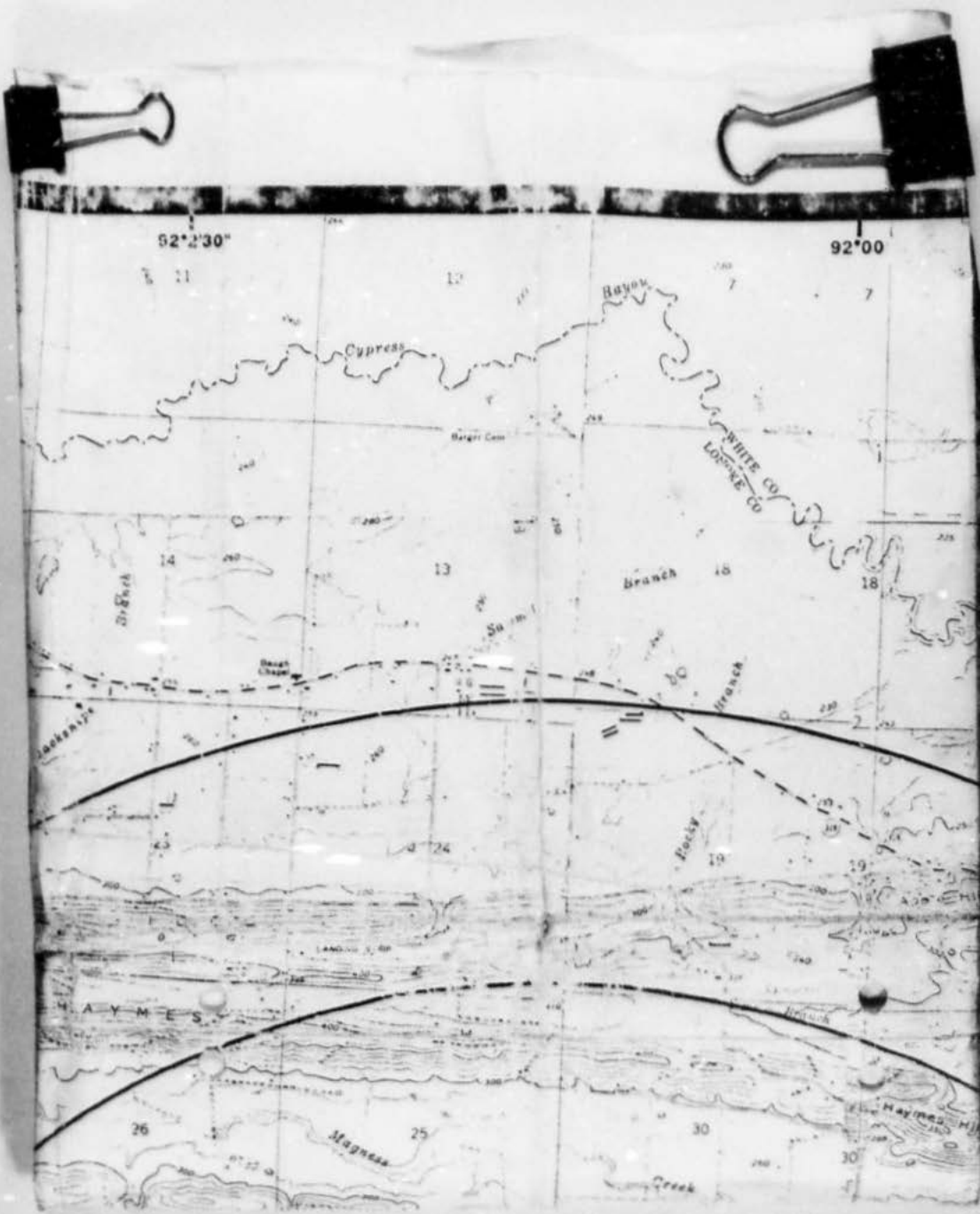
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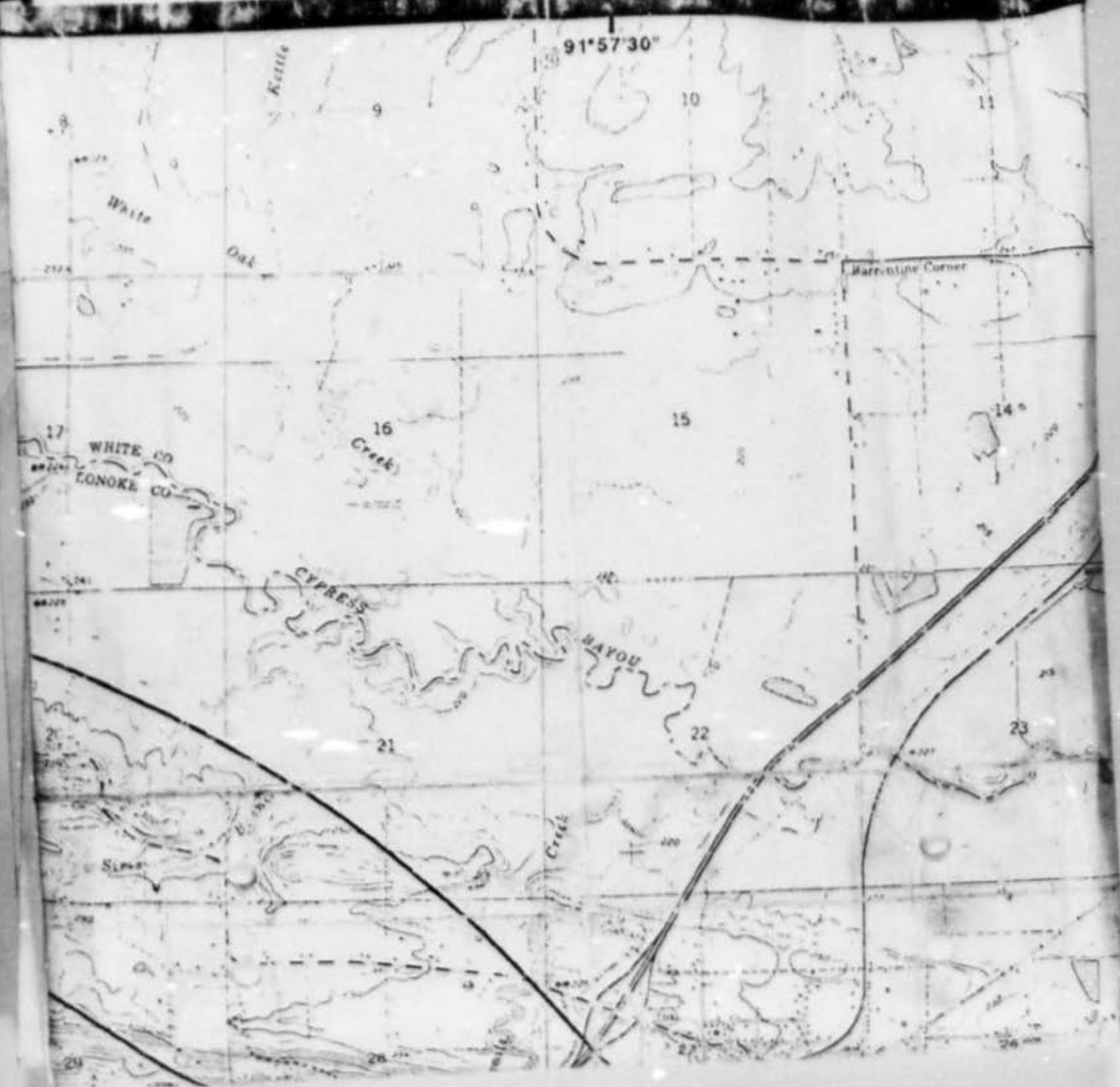
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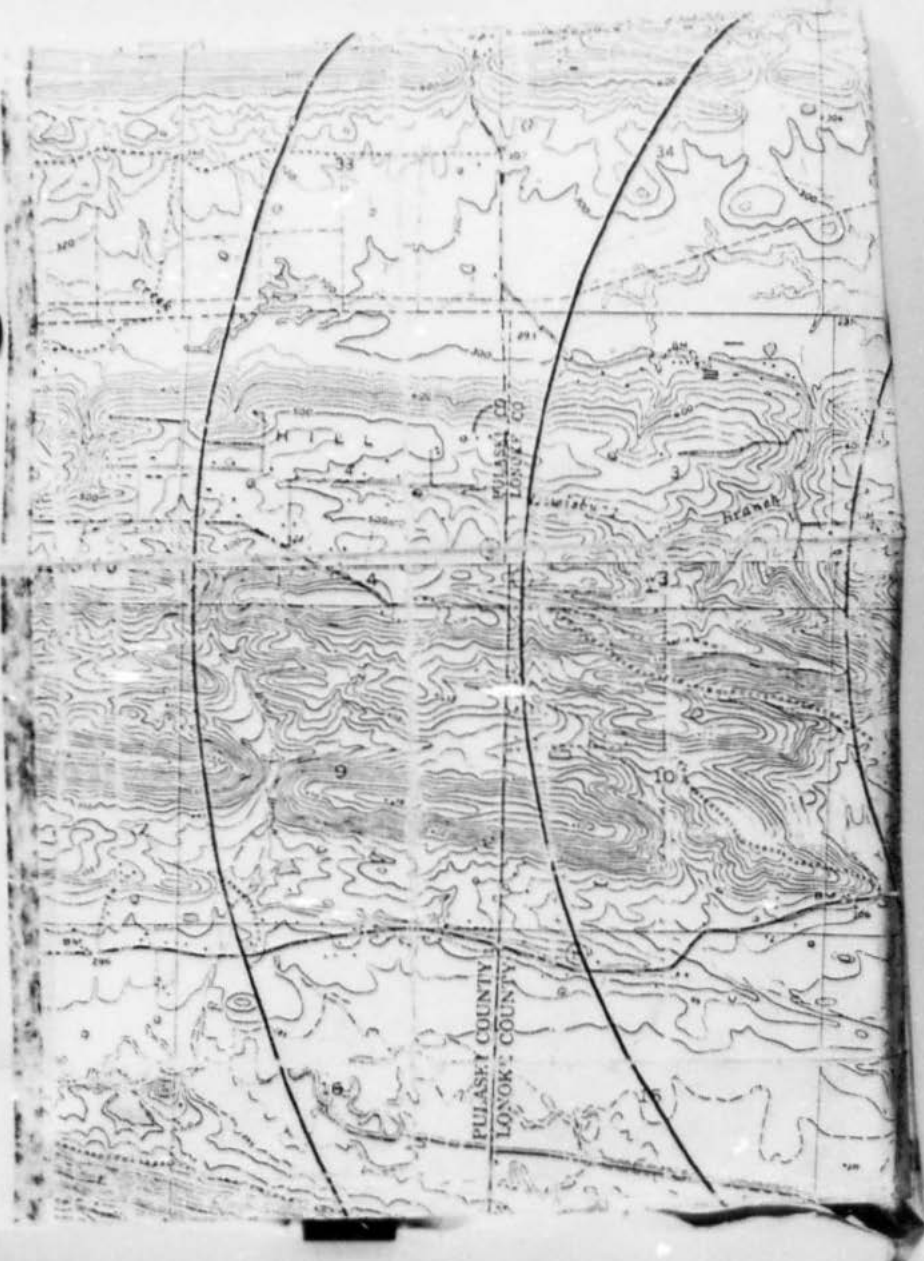
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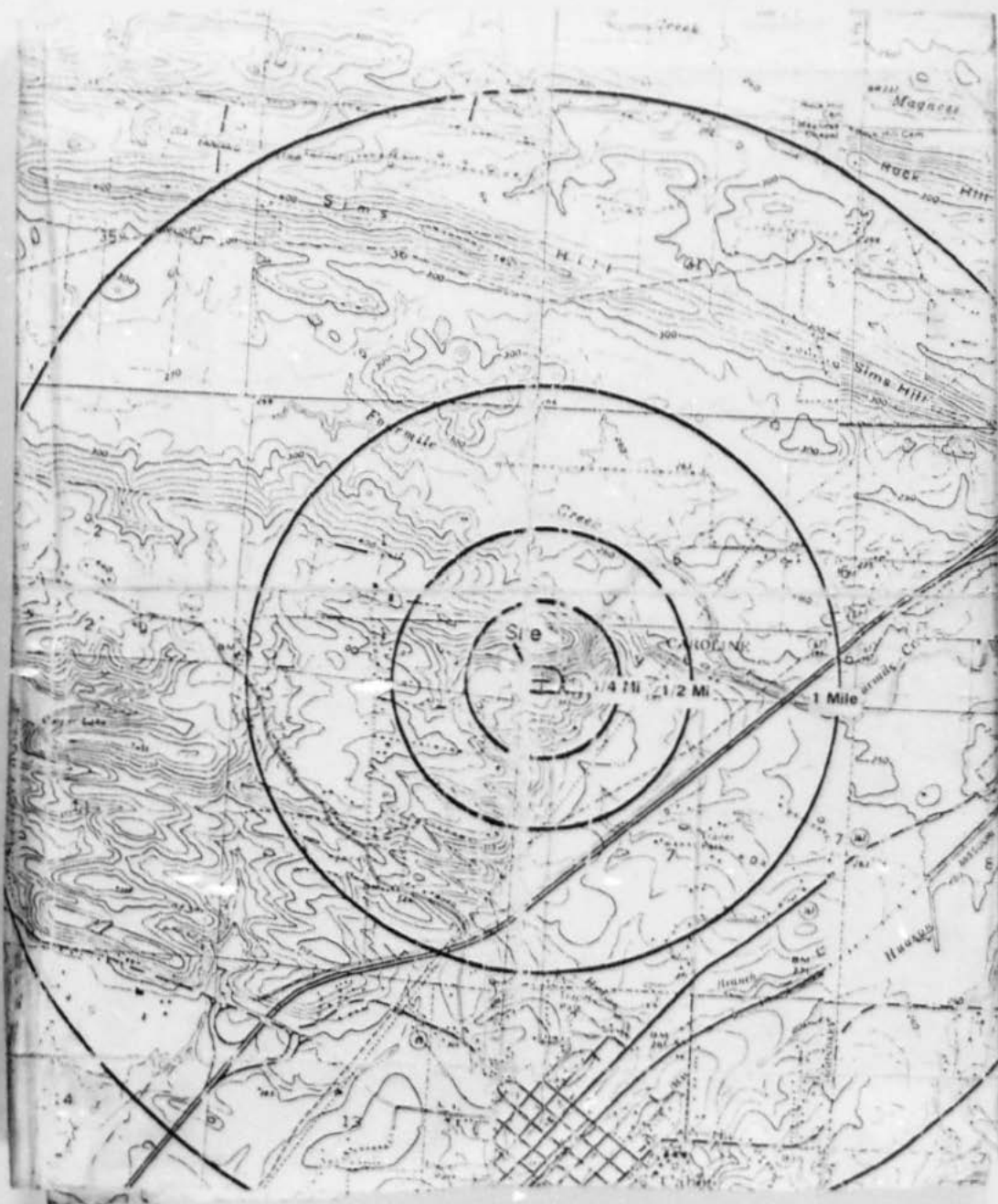


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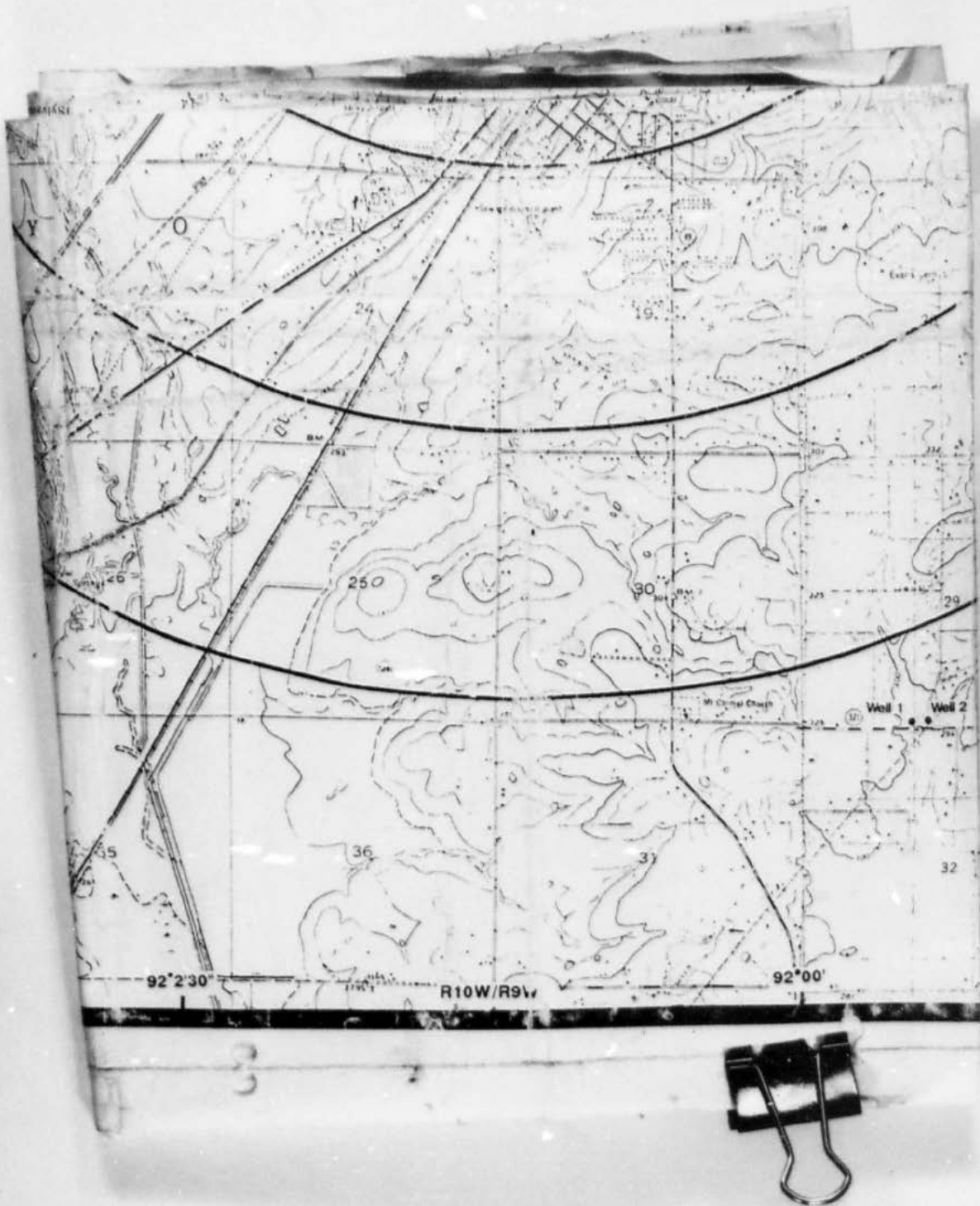


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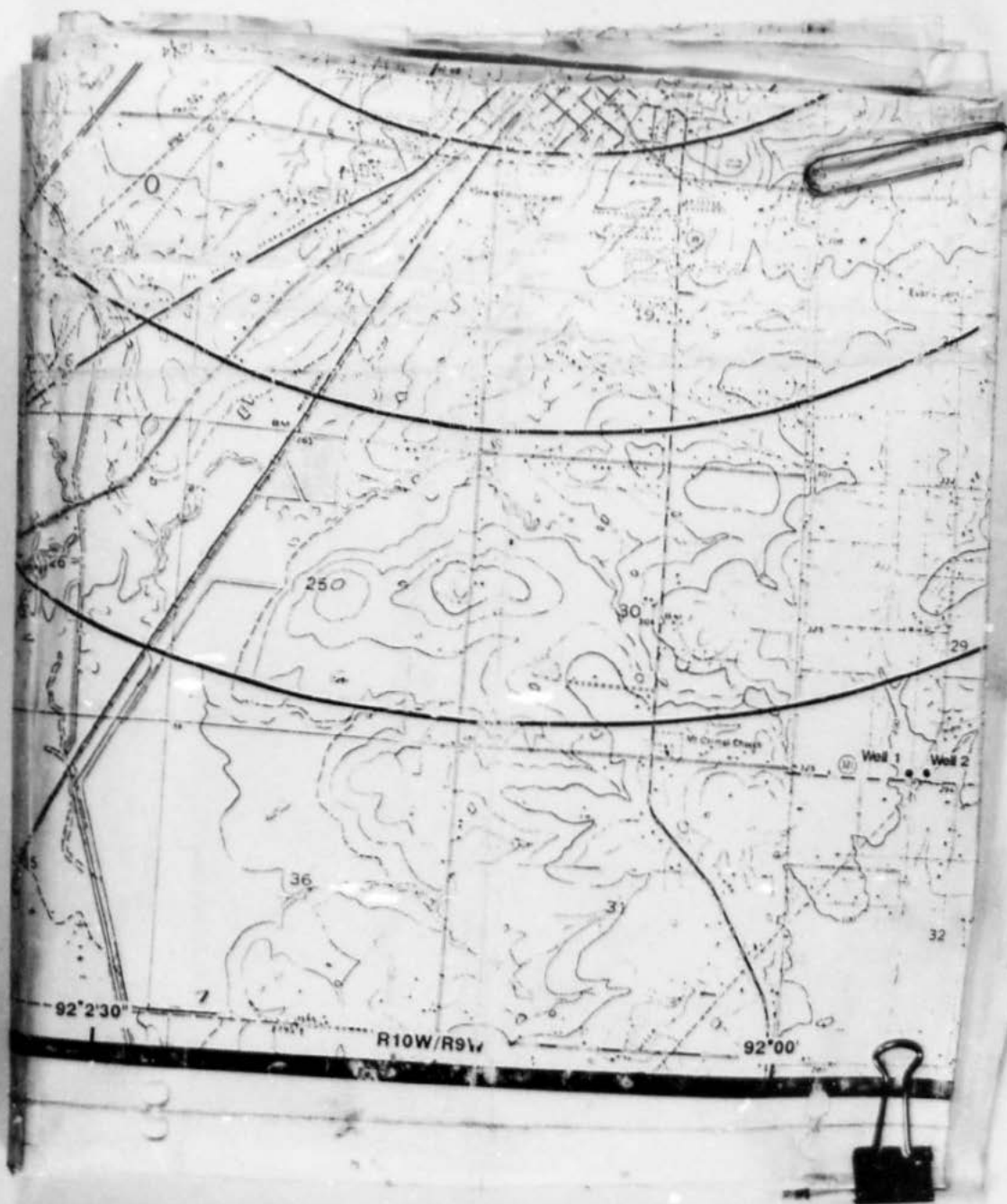
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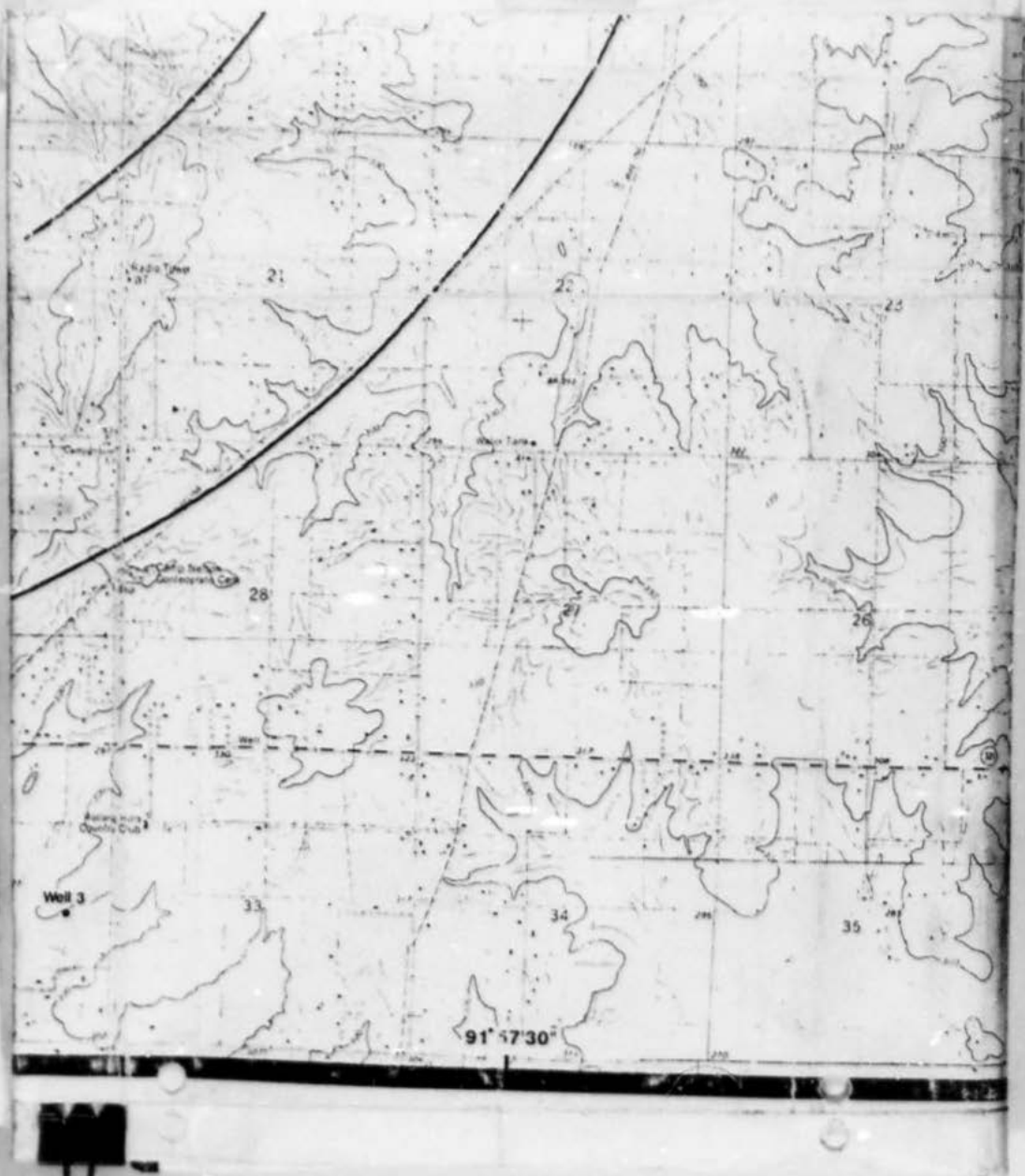
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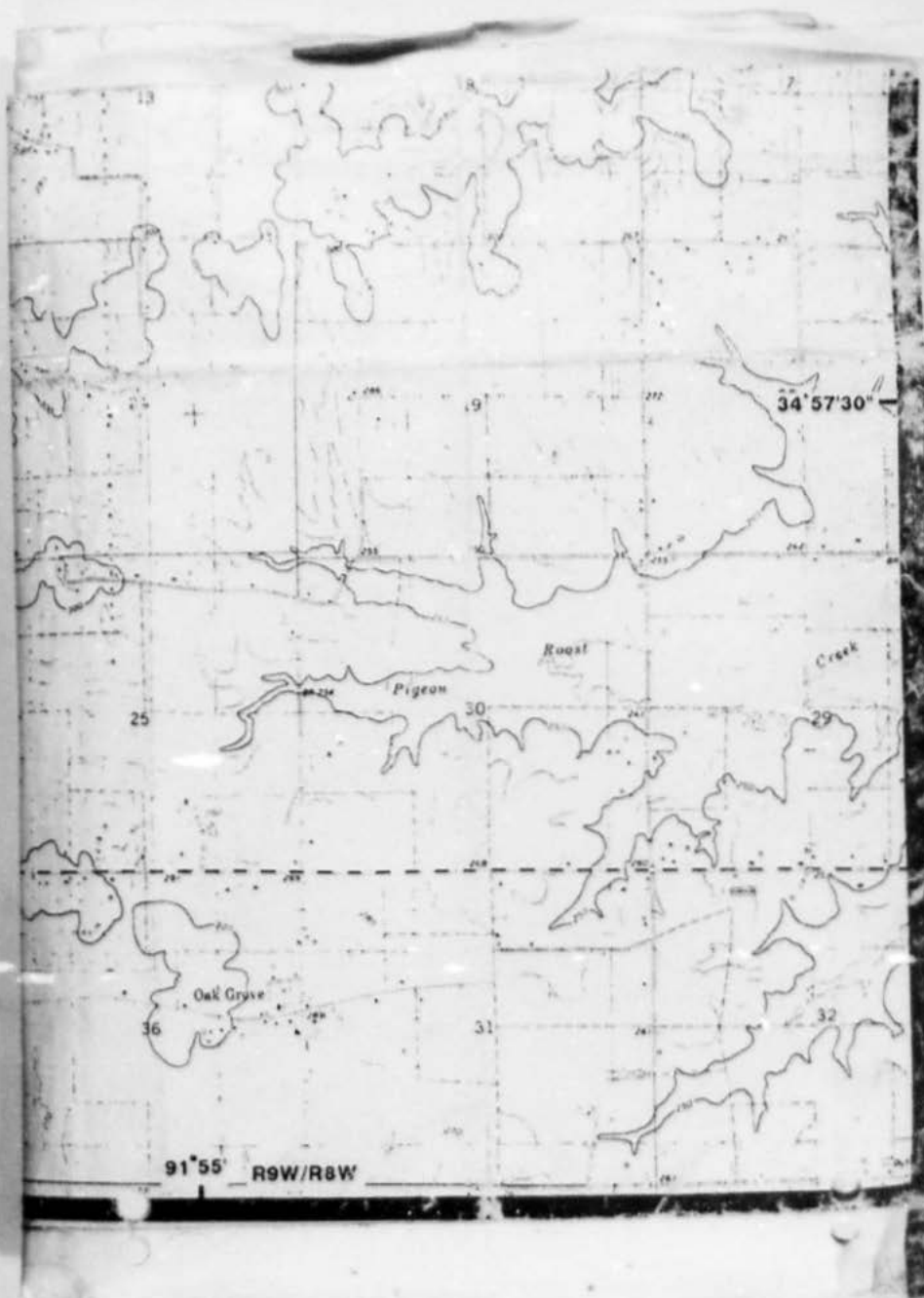


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# LEGEND

## ROAD CLASSIFICATION

Heavy duty ——— Light duty ———  
Medium duty - - - - - Unimproved dirt . . . . .  
☐ Interstate Route ☐ U. S. Route ☐ State Route



REFERENCE: 18

 ecology & environment, inc.		Site Name: Cabot Landfill Location: Cabot, Arkansas Site ID: ARD983269275	
<b>USGS TOPOGRAPHIC MAPS</b>		Quadrangle Location	
Name: Mountain Springs, Ar Date: 1963 Revised: 1981 Contour Interval: 20'	Name: Beebe, Ar Date: 1963 Revised: 1981 Contour Interval: 10'		
Name: Cabot, Ar Date: 1954 Revised: 1970 & 1975 Contour Interval: 10'	Name: Oak Grove, Ar Date: 1982 Revised: Contour Interval: 10'		
			

Reference 19

EPA FORM 1300-6 (7-72)  
Replaces EPA HQ Form 5300-3 which may be used until Supply is Exhausted.



REFERENCE 27) City of Cabot  
ARKANSAS

70023  
WILLIE WAY, MAYOR

114 WEST PINE STREET • TELEPHONE 843-3546

July 14, 1977

C. N. JEWETT  
Recorder

MRS. VANCE TUCKER  
Treasurer

ALDERMEN

Ward 1  
HOLLON CRUM  
BILLY COOPER

Ward 2  
L. C. JAMES  
HAROLD (DOPIE) JONES

Ward 3  
WAYNE HENSON  
FRED WOOD

Ward 4  
GLEN CLEMENTS  
BOB DUKE

Arkansas Dept. of Pollution Control and Ecology  
P. O. Box 9583  
8001 National Drive  
Little Rock, Arkansas 72219

Dear Sir:

Attached is the original and one copy of an  
"Application for Approval of Sanitary Landfill  
Site".

We would like for your people to inspect the site  
and advise me as to its' acceptability for use  
as a sanitary landfill.

Sincerely,

Willie Ray  
Mayor

WR:js  
Encl.



Revised 6/13/75

ARKANSAS DEPARTMENT OF POLLUTION CONTROL AND ECOLOGY

APPLICATION FOR APPROVAL OF  
SANITARY LANDFILL SITE

The undersigned proposes to construct and operate a sanitary landfill for disposal of solid wastes. A permit will be issued following approved engineering design and methods of operation.

1. Name of proposed sanitary landfill Cabot Landfill South  
General location South of Cabot
2. Applicant's name City of Cabot  
Phone No. 843-3565  
Address P. O. Box 597, Cabot, Arkansas 72023
3. Property owner's name To be acquired by City  
Phone No. \_\_\_\_\_  
Land is to be leased \_\_\_\_\_, rented \_\_\_\_\_, owned x (check one)
4. Responsible authority for operation Willie Ray, Mayor
5. Area and/or towns served Cabot, Ward, Austin and surrounding area
6. Total population served (if residential waste landfill) Estimate 12,000
7. Legal description of site Rt. 341, Sec. 25, Township 4 North, Range 10  
West
8. Total area of site to be used as a sanitary landfill Approx. 60 acres
9. Character of site (hillside, gully, flat land, etc.) Rolling
10. Present land use surrounding site Pasture and Cropland
11. Distance from nearest public road 1/2 mile and nature of access  
road present or planned all weather gravel road to be constructed
12. Distance to nearest residence 1000 feet
13. Distance to nearest water supply well Over 1/2 mile

14. Distance to nearest lake or stream branch across South end of said 80 Ac.

Name None

15. Topographic map indicating the exact boundaries of the proposed site and location of nearest water wells to the site (attach copy). A USGS Quad-range map is desirable and can be obtained for 75¢ from:

Arkansas Geological Commission  
3815 West Roosevelt Road  
Little Rock, Arkansas 72204

16. Soil profile description, including depth of soil, wetness, permeability, and texture. Include a statement about any evident limitations or hazards such as flooding, character of bedrock if known, permeable substrate or other factor. This information should be obtained from the Soil Conservation Service or other reliable source. (Attach copy of report.)

17. Depth of minimum water table Unknown feet. Determined by \_\_\_\_\_ (Responsible authority).

18. Type of operation: Trench fill y Area fill \_\_\_\_\_ or combination \_\_\_\_\_.

19. Types, quantities, and sources of materials to be disposed of:

<u>TYPE</u>	<u>QUANTITY (Est.%)</u>	<u>SOURCE</u>
Residential?	<u>75%</u>	<u>Households</u>
Commercial	<u>10%</u>	<u>Downtown Retail Businesses</u>
Industrial	<u>15%</u>	<u>A trailer factory, furniture factory, and garment factory</u>
Other	_____	_____

20. Description of any industrial and/or hazardous wastes to be disposed of at site None

21. Zoning regulations restricting use of the site None

22. Procedures for prevention of unauthorized use of the site \_\_\_\_\_

Will be fenced and have locked gate

23. The proposed use of the site upon termination of the disposal operation \_\_\_\_\_

City Park

24. Type collection service provided or planned City pickup service and

individuals

25. What city/county ordinances control solid waste collection/disposal in

your area? Cabot has a City Ordinance on collection and disposal of

Solid Waste.

26. REMARKS We need to get your approval of this site. If the site meets

your approval, it will be secured by purchase from present owner.

NAME OF APPLICANT City of Cabot

SIGNATURE \_\_\_\_\_

TITLE Mayor

DATE July 6, 1977

UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

Drawer E, Lonoke, AR 72086

SUBJECT SANITARY LANDFILL SITE

DATE 7-12-77

TO  
Mayor  
City of Cabot  
Cabot, AR 72023

A soils investigation was made on a site in the E $\frac{1}{2}$ , SW $\frac{1}{4}$  of section 25, T4N, R10W, Lonoke County.

Soil borings indicated that four soils were present. (Note attached overlay). The soils were Amy, Leadvale, Sacul, and Taft.

Amy soils have severe limitations for sanitary landfills because of frequent flooding and wetness.

Leadvale soils have moderate limitations because of wetness. This restriction is related to operation problems and not pollution hazards.

Sacul soils have severe limitations because of being clayey. This restriction is related to operation problems and not pollution hazards.

Taft soils have severe limitations because of wetness. This restriction is related to operation problems.

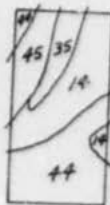
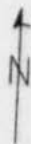
If we can be of assistance in the future, please call us.

*Richard T. Fielder*  
Richard T. Fielder  
Soil Scientist  
Soil Conservation Service





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Symbol	Soils
14	Leudale silt loam, 1 to 3 percent slopes
35	Saxal silt loam, 3 to 8 percent slopes
44	Ray soils, frequently flooded
45	Taft silt loam

53